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ONTARIO GEOLOGICAL SURVEY

Open File Report 6034

Atikokan Area Lake Sediment Survey: Au and PGEs – Operation Treasure Hunt

by

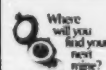
Ontario Geological Survey

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ABSTRACT

Fieldwork for a high density lake sediment and water geochemical survey of the Atikokan-Lumby Lake area, located approximately 160 km west of Thunder Bay, was carried out in July and August, 1997. Lake sediment samples were collected at 1969 sites and water samples were collected from 2129 sites. The original analysis of these samples was reported in Ontario Geological Survey Open File Report 5986 by Dyer (1999). The current report contains the results of these samples reanalyzed by different methods, for Au and PGEs. Preliminary interpretation of the survey data shows the presence of at least 13 anomalous areas or locations. These anomalous areas have been loosely ranked in order of highest priority/exploration interest. This reanalysis has generated several new target areas for potential Au, Pt and Pd mineralization. As of October 2000, 6 of the anomalous areas or locations were available for staking, portions of 3 have some open ground and 4 were completely staked. Digital geochemical data for this survey has been released separately from this report as Miscellaneous Release-Data (MRD) 63.

INTRODUCTION

Fieldwork for a high density lake sediment and water geochemical survey of the Atikokan-Lumby Lake area was carried out between July 21 and August 19, 1997. Atikokan is located approximately 160 km west of Thunder Bay (Figure 1). The survey area is represented on National Topographic System (NTS), 1:50 000 scale map sheets 52 B/13, 52 B/14, 52 G/3 and most of 52 B/15. The samples were originally analysed and reported in Ontario Geological Survey Open File Report 5986 (Dyer 1999). Subsequently, the lake sediment samples from the 1997 survey have been reanalysed for Pt, Pd, Au, Ir and Rh.

Lake sediment samples were collected at 1969 sites, while lake water samples were collected at 2129 sites, for an average density of approximately 1 sample site per 1.7 km². In 1997 the Atikokan-Lumby Lake area was selected for this type of geochemical survey for 2 reasons, namely; recent increased exploration and claim staking activity in the area, spurred by the exploration success at the Hammond Reef Au property, and new mapping/interpretations by the Ontario Geological Survey (OGS) (Stone and Pufahl 1995, Stone and Halle 1996).

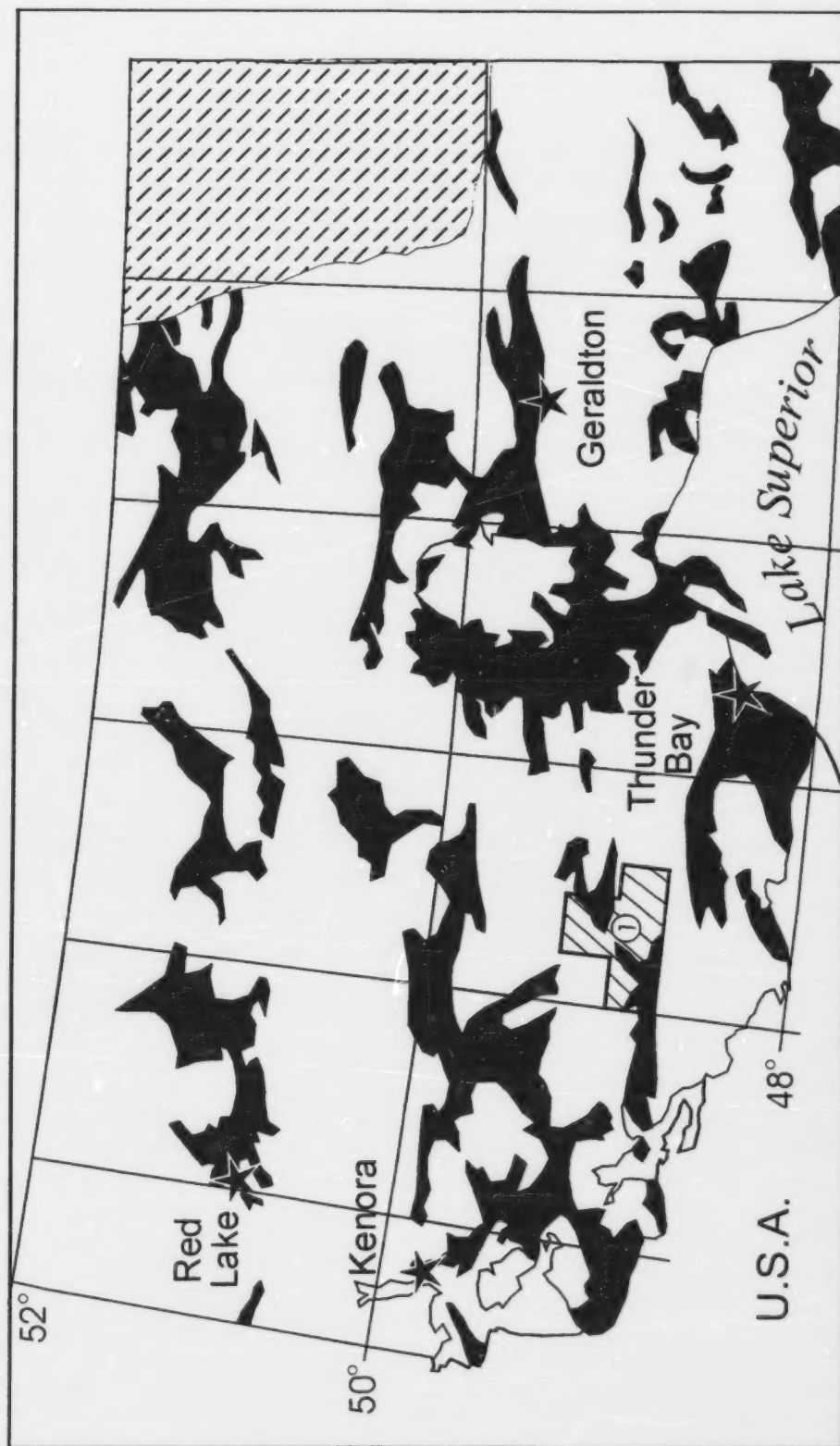
Some of the lakes in the southern half of the study area were sampled during the national geochemical reconnaissance (NGR) lake sediment program. This program was undertaken during the late 1970s by the Geological Survey of Canada (Friske et al. 1990a) at a relatively low density of 1 sample per 13 km². Additional infill sampling was done in a smaller area centred on Crooked Pine Lake at a higher density of 1 sample per 3 km² (Friske et al. 1990b).

BEDROCK GEOLOGY

The most recent mapping of the area was completed by Stone et al. (1992), Stone et al. (1995a, 1995b) and Stone et al. (1997). Figure 2 depicts the generalized bedrock geology of the study area. The center of the study area is dominated by the Marmion Lake batholith. Surrounding this batholith are the Sapawe, Steep Rock, Finlayson and Lumby Lake greenstone belts. These rocks, including the Marmion Lake batholith, are dominantly of Mesoarchean age (pre 2900 Ma) and are some of the oldest rocks within the Wabigoon Subprovince. The Quetico Fault, which marks the boundary between the Wabigoon and Quetico Subprovinces, is located along the southern edge of the present study area.

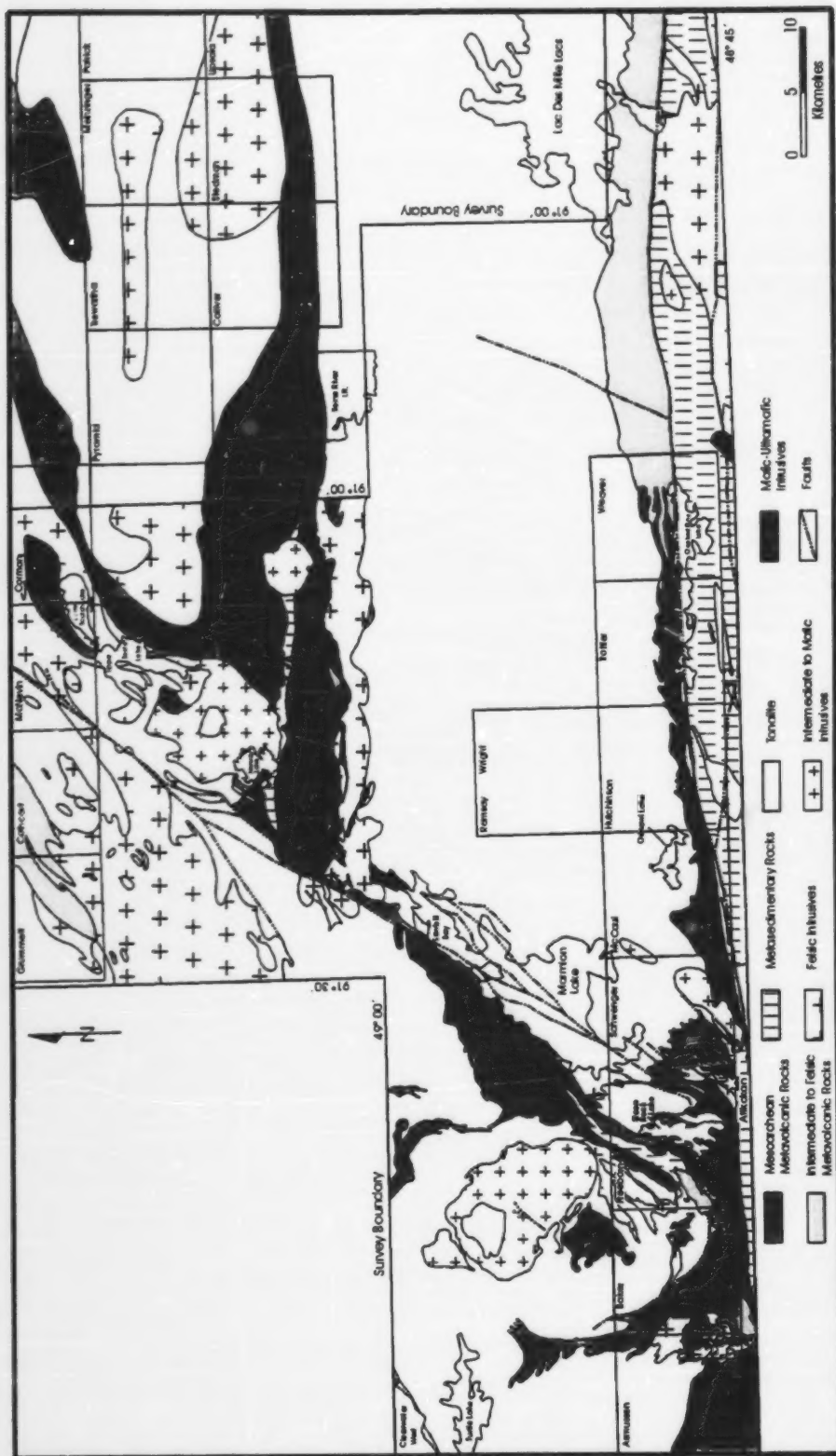
Numerous gold occurrences are known within the Atikokan-Lumby Lake area (Wilkinson 1982; Schneiders and Dutka 1985), most of which are located within or near the margins of the Marmion Lake batholith. Most gold showings are spatially associated with northeast trending shear/fault structures (Lavigne and Scott 1995). For example, the Hammond Reef gold property of Pentland-Firth Ventures Ltd. is located within the northeast trending Sawbill Bay deformation zone. The deformation zone that hosts the Hammond Reef mineralization has been traced for approximately 5 km (Lavigne and Scott 1995).

Wilkinson (1982) defined 3 general types or styles of Au mineralization known to occur in the Atikokan area:



① Atikokan-Lumby Lake Survey Area (1997)

Figure 1: Location map of Atikokan-Lumby Lake high density lake sediment and water geochemical survey



1. Marmion Lake batholith type – quartz veins within shear zones associated with northeast – trending lineaments in the batholith.
2. Contact zone type – quartz-carbonate veins within narrow shear zones located at or near the contacts of batholiths and metavolcanic belts.
3. Metavolcanic-hosted, stratabound type – concordant lenses of chert or carbonate with associated quartz-carbonate veins, hosted by metavolcanics.

Recently, exploration for platinum group elements (PGEs) has increased in the region, particularly along the Quetico Fault where numerous mafic-ultramafic intrusive bodies have been identified (Stone 1995a, 1995b). The Mineral Deposit Information (MDI) database shows several Au-Cu-Ni-Pt-Pd occurrences located south of the Quetico Fault along the south-central edge of the survey area.

PHYSIOGRAPHY AND QUATERNARY GEOLOGY

Gentle topography characterizes the study area with local relief rarely exceeding 50 m. Typically, relief over greenstone belts is more rugged than in areas of granitic bedrock; the latter is characterized by rounded hills and shallow slopes.

Detailed Quaternary geological mapping has not been conducted over the Atikokan-Lumby Lake area. Reconnaissance Quaternary mapping (1:506 880) was completed by Zoltai (1965). Engineering geology terrain maps (NOEGTS), at a scale of 1:100 000, have also been produced for the region (Mollard and Mollard 1980a, 1980b).

A more recent regional compilation of the Quaternary geology of the area has been completed by Barnett et al. (1991) (Figure 3). Surficial materials within the Atikokan-Lumby Lake area consist predominately of a thin, discontinuous veneer of drift (till) over bedrock. Modern fluvial deposits occupy major river valleys, such as along the Seine River. Glaciolacustrine sand, silt and clay occur locally. The Eagle-Finlayson Moraine and the Steep Rock Moraine, consisting of glaciofluvial sand and gravel, are located in the southern portion of the study area and trend southeasterly.

SAMPLING METHODS

Organic lake sediment samples were collected from a helicopter float, using a gravity corer. This corer was designed to improve sampling speed by operating more reliably and obtaining a larger size of sample than the previous OGS sampler.

In order to avoid anthropogenic influences and water/sediment interface effects (i.e., diagenetic cycling of Mn due to anoxic conditions resulting in secondary scavenging/accumulation of base metals), only deep sediment (>20 cm below the sediment surface) was collected. This sediment better reflects the effects of natural geochemical inputs that may be traced to local geology.

Lake water samples were collected at a depth of 0.5 m from shallow lakes (<3 m deep) and at a depth of 2 m from deep lakes (>3 m). A semi-automated water sampling apparatus, developed by the OGS, was utilized during the field survey. The apparatus consists of a submersible pump, a flow cell (for measurement of parameters such as pH, conductivity, oxidation-reduction potential

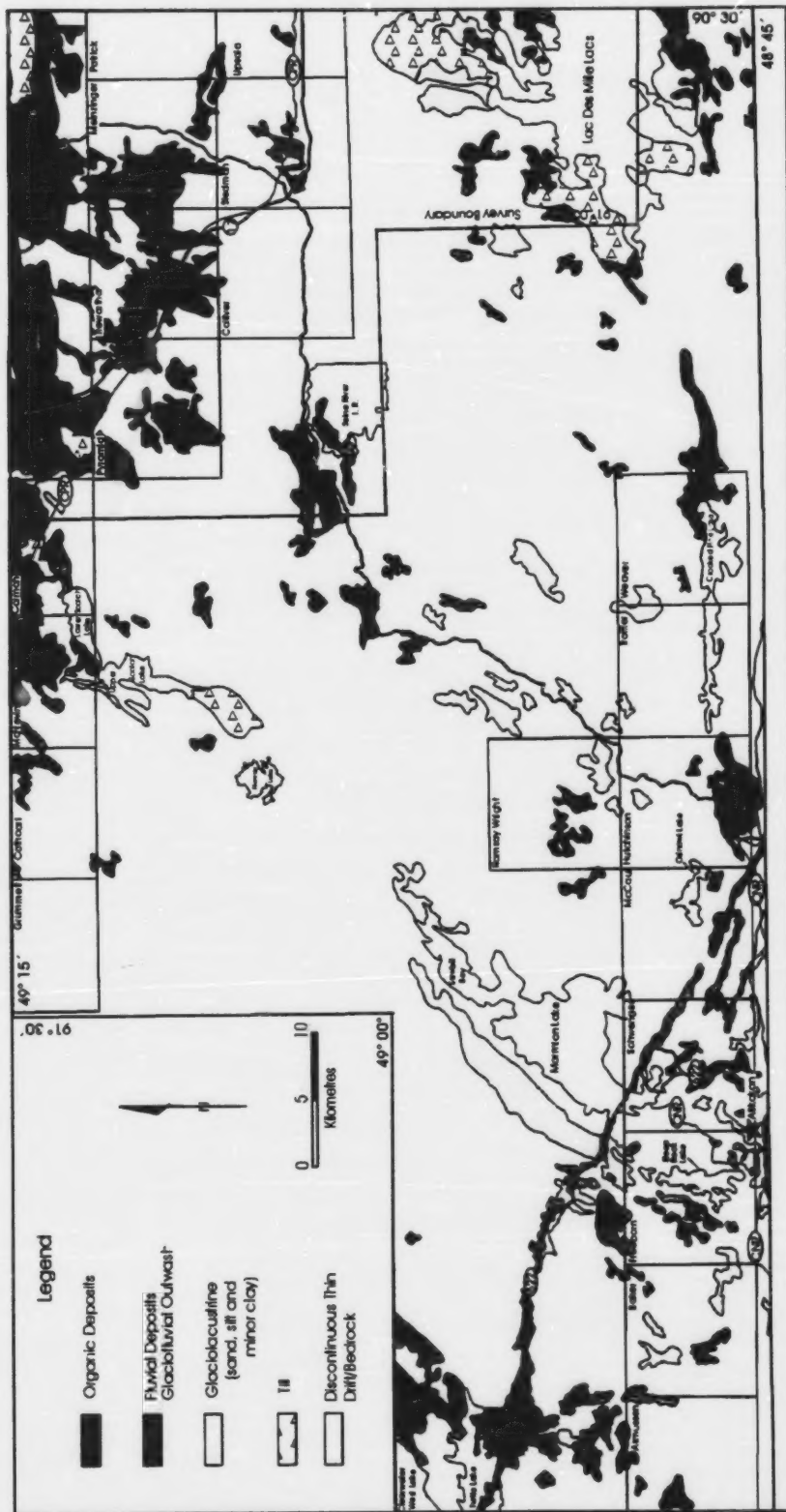


Figure 3: Generalized Quaternary geology of the Atikokan - Lumby Lake area (from Barnett et al. 1991)

and dissolved oxygen), a sample bottle tray and various hoses and pinch valves. Water is pumped from the lake and allowed to purge the sampling system prior to the collection of a water sample and the recording of water quality parameters. Water samples were kept cool after collection and processed (filtered and acidified) within 24 hours after collection.

A GPS receiver was utilized to record accurate sample site positions. A customised database application operated on a pen-based computer was used to record sample descriptions and observations. Data from the water quality probe was also monitored and recorded with the pen-based computer.

SAMPLE PREPARATION AND ANALYTICAL METHODS

Water samples were passed through 0.45 μm syringe filters and acidified to 1% ultrapure nitric acid within 24 hours of collection. Analysis of water was done by direct aspiration ICP-MS to determine approximately 50 elements including major cation and anion species. Quality of the analyses was monitored through the use of sample duplicates, certified reference standard SLRS-3 and blanks. Water sample results are reported in Appendix A and B.

Lake sediment samples were placed in breathable fabric bags and allowed to partially air dry prior to shipment to the laboratory. The samples were then freeze dried (to retain volatile elements) and sieved to obtain the <80 mesh (<177 μm) size fraction.

Laboratory analysis for Au and PGEs was accomplished by lead fire assay followed by an ICP-MS finish. Sample pulp weights between 3 and 10 g were analysed in 3 batches: 1) 10 g samples; 2) >5 to <10 g samples; and 3) 3 to 5 g samples. The majority of samples had sample pulp weights of over 10 g. Thus enabling detection limits for Au, Pt and Pd of 3, 0.3 and 0.3 ppb respectively. Analysed samples that had less than 10 g of material have slightly higher detection limits (Appendix C). For calculation purposes and quality control plots, all samples were treated as 10 g sample sizes with respect to detection limits.

QUALITY CONTROL RESULTS

LAKE SEDIMENT

Table 1 contains a summary of the elements analyzed, including some basic statistics of the geochemical datasets, and quality control data such as estimates of precision and coefficients of variation for the certified reference materials. A complete listing of all data used to prepare the table is contained in the Miscellaneous Release – Data (MRD-63), published separately from this report.

It should be noted that when interpreting the Au data the estimated precision of the analyses is approximately ± 4 ppb. Although the detection limit for Au in Table 1 is listed as 3 ppb, the effective detection limit is probably closer to 5 to 7 ppb.

DISCUSSION OF REGIONAL GEOCHEMICAL PATTERNS

Appendix A contains proportional dot maps for the following parameters: pH; conductivity; lake depth and Ca in lake water. Lake sediment samples with loss-on-ignition (LOI) less than 10% were not included with the data for the production of the dot maps. This data is included in the digital (MRD-63) data release.

Lake Sediment (n=1939)								LKSD-1 Reference Standard (n=24)		
Element	Analytical Method	Units	MDL	Median	Range		Estimated Precision	Certified Value	Mean Q.C. Result	Coefficient of variation (%)
					Min	Max				
Au	FA/ICP-MS	ppb	3.0	<3	<3	71.4	±4	4	3.2	61.5
Pd	FA/ICP-MS	ppb	0.3	1.0	<0.3	10.9	±1.2	***	<0.3	87.2
Pt	FA/ICP-MS	ppb	0.3	0.7	<0.3	5.4	±1	***	<0.3	98.4
LOI	Grav.	%	0	42.1	5.3	84.9	±2	23.5	22.9	1.2

Notes:

1. ICP-MS=Inductively Coupled Plasma Mass Spectroscopy, Fa=Fire Assay.
2. MDL=method detection limit.
3. Estimated precision at 95% confidence level; Fire Assay→ICP-MS elements based on results of 117 duplicate pairs.
4. Q.C. Result = Average value obtained, Atikokan-Lumby Lake dataset.
5. Coefficient of variation at one standard deviation (68% confidence level).
6. LKSD-1 is a Canmet certified reference material.

Table 1: Atikokan-Lumby Lake survey, lake sediment dataset, summary of elements analyzed by fire assay/ICP-MS and quality control data, including estimates of precision. Data is included in the digital (MRD-63) data release.

Regional patterns of pH and conductivity of lake water display clear patterns that correlate with regional geology and/or structure. High pH (alkaline conditions) is coincident with the bedrock along the Quetico Fault and the Atikokan and Lumby Lake greenstone belts. This may, in part, reflect the presence of marble, particularly near Atikokan (Stone et al. 1985a) and in the Lumby Lake belt (Jackson 1985a, 1985b), as well as pervasive carbonatization associated with the deformation zones in the Atikokan-Lumby Lake area, including those that occur along the western edge of the Marmion Lake batholith.

Interestingly, the pH of lake water over a large area northeast of Weaver Township is acidic. This area also corresponds with darker coloured waters, which may indicate higher levels of humic and fulvic acids and tannins, resulting in lower (more acidic) pH. The levels of some elements, in particular Al and all of the REEs, are higher and coincident with this area of low pH (Dyer 1999). It is possible that there is a difference in the bedrock in this area that would account for the colour and pH anomalies. There are no significant Quaternary deposits in this area to account for these patterns.

Conductivity in lake water is also quite striking in its close correlation with the Atikokan greenstone belt northwest of Marmion Lake, the Lumby Lake belt and the southern half of Asmusen Township. Clearly, higher levels of dissolved solids are being contributed to the drainage systems in these areas. The plot of calcium in water closely mirrors the conductivity pattern, further proof that calcium related to the bedrock, possibly in part carbonatization, is causing these patterns (Dyer 1999).

Arsenic in water shows a strong correlation with the flooded ground of the Marmion reservoir and portions of the Quetico Fault east of the town of Atikokan. This pattern is also reflected in the lake sediment data for As (see OFR 5986, Appendix B). Arsenopyrite is associated with Au

mineralization at several localities along the Quetico Fault (i.e., Olcott Prospect, Hill occurrences in southeast Hutchinson Township). The As lake sediment patterns may be useful to target areas with arsenopyrite mineralization which may be a pathfinder for Au.

The presence of Cr in lake sediment, while most commonly thought to be associated with Ni-Cu-PGE mineralization, might also reflect the presence of chromium mica alteration, often prevalent within the mineralized shear zones that crosscut the Marmion Lake batholith. Therefore, Cr in lake sediment might also be a useful pathfinder for Au in the Atikokan area (see OFR 5986, Figure 9).

DESCRIPTION OF ANOMALOUS AREAS

The first 4 anomalous areas described below are considered the most promising for Au and PGE exploration and are loosely ranked in order of priority. The remaining 9 areas are loosely ranked in order of interest. The following factors were taken into consideration to determine the ranking of the areas described below:

- 1) Number of anomalous elements and the intensity of the anomalies;
- 2) Number of anomalous lake sites;
- 3) Favourable geology/structure, including presence of mineral occurrences;
- 4) Evidence supporting the validity of the anomaly;
- 5) Whether ground is open for staking;

Where the "±" symbol is used in the area description it indicates that the particular element is not present in anomalous levels at all sample sites within the area of discussion. For the interpretation of the PGE data the following general guidelines were employed. The term "elevated" means above the 90th percentile, while "anomalous" means greater than the 95th percentile. Strongly or highly anomalous means greater than the 98th percentile. Based on the quality control data for Au, values exceeding 14 ppb are considered anomalous for this data set.

Figures 4 and 5 outline the locations of the anomalous areas and locations described below. A bedrock geology base was used for Figure 4, while the land tenure situation as of October 2000 is illustrated in Figure 5. Figure 6 (back pocket) illustrates the exact locations of all the sample sites.

Chart A (back pocket), which includes Figures 7, 8, 9 and 10, illustrates the proportional dot plots for Au, Pt, Pd and combined PGEs.

1. Red Paint Lake area; Combined PGEs

A group of 4 lakes produce 6 sites with highly anomalous combined PGE values. One of the sites, 0359 returned a Pd value of 8 ppb, one of the highest in the project area. Five sites to the north (0360, 0361, 0363, 0365, 0313) all returned strongly anomalous combined PGE values, dominated by high Pd. Sites 0360 and 0361 sample the same lake as do sites 0363 and 0365. This is a new target area not noted in Dyer's (1999) report. There are no corroborating results from the INAA or ICP data of Dyer (1999).

The bedrock geology of the area has been mapped by Jackson (1985b) as consisting of mafic-ultramafic metavolcanic rocks and metasediments. A prominent northeast trending fault zone (Paint Lake fault zone) lies approximately 1 km to the west of the anomalous area. In this area the MDI database shows numerous gold occurrences associated with the metavolcanic rock sequence. As of

October of 2000, site 0359 was staked but the related sites to the north were open for staking.

2. Buckingham Lake area; Combined PGEs

A group of 5 highly anomalous combined PGE sites comprise this area. Palladium is the dominant anomalous element combined with elevated Pt levels. The site numbers are 0789, 0832, 0833, 0834 and 0835. Strongly anomalous Cu values were also noted at these sites by Dyer (1999). The original Cu anomalies were not discussed or highlighted in the report by Dyer (1999).

The underlying bedrock geology of this area consists of metavolcanic rocks and mafic-ultramafic intrusives (Stone et al. 1997). There are no mineral occurrences listed in the MDI for this area. Given the geological setting of this area and the geochemical data presented this area has potential for PGE-base metal mineralization. As of October 2000, all the sites related to this anomaly were staked.

3. East Crooked Pine Lake, central Weaver Twp; Combined PGEs

Highly anomalous combined PGEs sites include numbers 1356, 1363, 1364, 1365 and 1367. Elevated Au values from INAA data are associated with some of these sites (Dyer 1999), however, the FA data did not produce high Au values. The Geological Survey of Canada (GSC) NGR survey also showed elevated Cu in the lake sediments over this entire area. The bedrock geology consists of alternating bands of intermediate-felsic metavolcanic rocks and gabbro intrusive rocks (Stone et al. 1995b). The MDI database indicates the presence of several Ag-Au-Cu showings in the immediate area, including one known as the Pothole occurrence. This occurrence is located approximately 1 km to the west of the anomalous area and consists of several Au-Ag-Cu-As bearing quartz veins crosscutting metavolcanic rocks (Pirie 1978).

This area has potential for Au mineralization similar to that of the Pothole occurrence or Au-PGE-Ni-Cu mineralization associated with the gabbro intrusives in the area. Two of the 5 sites in this area were staked as of October 2000.

4. Clear Lakes area; Combined PGEs

A north trending series of lake sediment sites, 1119, 1128, 1136, 1137 and 1143 returned highly anomalous Pd values and $\pm$ highly anomalous Pt. The bedrock geology of the area was mapped by Kaye (1967). The target area is divided by the east striking Quetico fault which comprises the contact between 2 groups of rocks. The north side of the Quetico fault consists of mafic metabasalt intruded by gabbroic rocks. South of the Quetico fault, metasedimentary and granitic intrusive rocks are found. There is a known showing of sulphide mineralization on the south shore of Lac Des Mille Lacs near the target area (Kaye 1967).

The original ICP-MS results for these sites returned elevated values of $\pm$ As, Cr, Cu, V, Y (Dyer 1999). The geochemical response may be indicative of base metal mineralization or may be caused by nearby mafic-ultramafic intrusive rocks. As of October 2000 all sites except 1137 were staked.

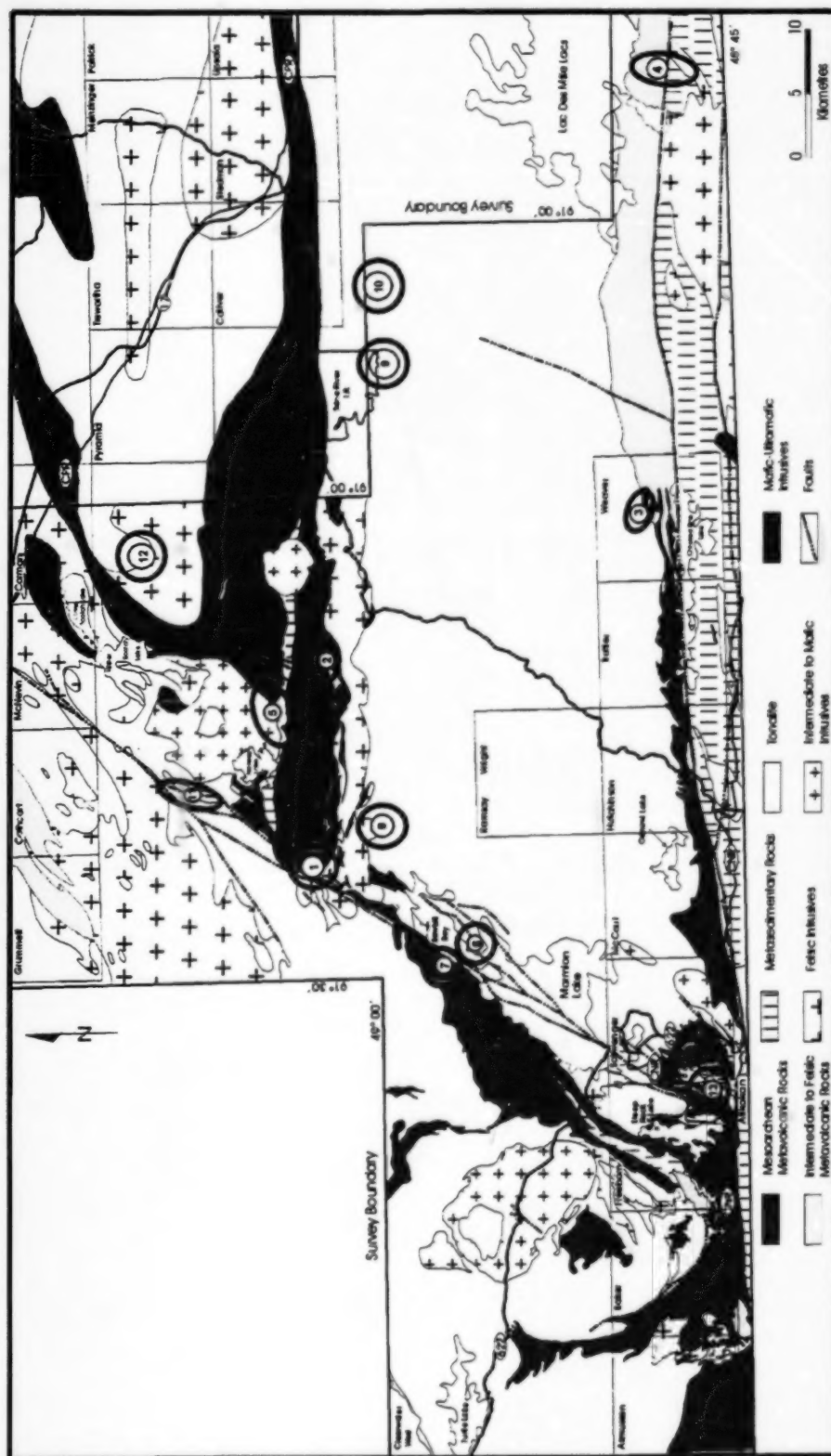


Figure 4: Location of geochemically anomalous areas. The generalized bedrock geology of the Atikokan-Lumby Lake survey area is shown on map.

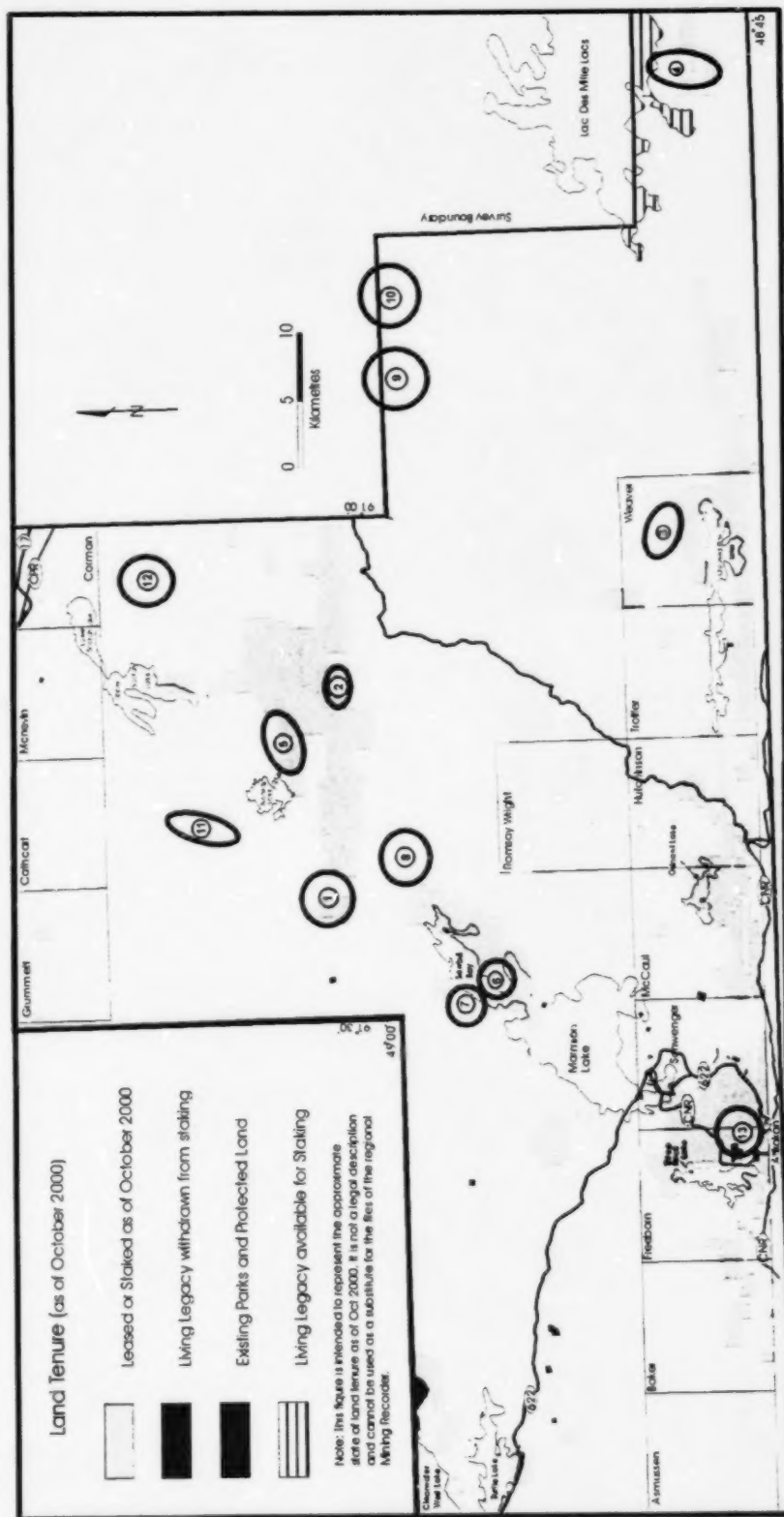


Figure 5: Land tenure of Atikokan-Lumby Lake survey area, as of October 2000 and location of geochemically anomalous areas.

5. Pinecone Lake area; Combined PGEs

Combined PGE FA-ICP data indicated 2 sites with highly anomalous results (0681 and 0684). Dyer (1999) reports this area to have 6 lakes that returned anomalous Cu, Ni, $\pm$ Zn levels, the most interesting of which were sites 0681 and 0684. These 2 sites returned 2 of the highest Ni values and site 0684 returned the second highest Cu value of the survey. Other elevated to anomalous elements in this area include Cd, W, $\pm$ Be, $\pm$ Co, $\pm$ Cr, $\pm$ REEs. A few of these sites have lake depths much greater than average. This may be a contributing factor to the elevated levels of some elements, particularly Co and Zn. Co and Zn tend to have higher levels in deep lakes due to higher levels of Fe and/or Mn (possibly due to eH/pH conditions which favour precipitation of Fe and Mn) which scavenge/accumulate base metals.

Bedrock geology of the area consists of metasediments (including iron formation), mafic-ultramafic metavolcanics and intermediate to mafic intrusions. Some of the observed minerals in the area include iron, garnet and grunerite (Stone et al. 1997). Iron formation located along the shore of Pinecone Lake has been prospected and drill-tested for iron (Jackson 1985a). This area has potential for several styles of base metal mineralization, including sulphide facies iron formation and magmatic mafic-ultramafic intrusion hosted. Possibly the best potential for new mineralization lies north of Pinecone Lake near or up-ice from site 0681, where thin gabbro intrusions and komatiites have been mapped by Jackson (1985a). None of the anomalous area was open for staking as of October 2000.

6. Sawbill Bay/Hammond Reef area; Au

Two lake sites, 0046 and 1529, located approximately 1 km southwest, on strike with the Hammond Reef deposit, returned highly anomalous FA Au values of 40.9 and 15 ppb, respectively (these values were corroborated by INAA and ICP-MS Au analysis from Dyer 1999). No other elements were elevated or anomalous, however, several Au, Ag, Cu, Pb showings occur in the area. The bedrock geology consists of fine-grained tonalitic dykes (Stone et al 1995). The area was entirely staked as of October 2000.

7. West-Sawbill Bay; Pd

A single site (0045) on the western shore of Sawbill Bay, Lake Marmion returned a highly anomalous Pd value of 5.7 ppb and elevated Pt. Dyer (1999) reports anomalous Cu and Cr values for this site. No neighbouring lake sites returned anomalous values. The bedrock geology near this site consists of mafic to ultramafic metavolcanics with quartz and k-feldspar megacrysts. The site lies on a northeast trending fault (Stone et al, 1995). The MDI does not list any known mineral occurrences. As of October 2000 this area was open for staking.

8. Lumby Creek area; Au and PGEs

Two sites on 2 separate lakes only 700 m apart make up this target. Site number 0253 has highly anomalous Pt values while site number 0395 has highly anomalous Au values. None of the surrounding sites feature elevated element values. There are no supporting INAA or ICP values reported in Dyer (1999). For these sites the bedrock geology of the area consists of Neoarchean

tonalite and granite dykes. As of October 2000 these sites were open for staking.

9. North Bedivere Lake area; Combined PGEs

Site 0950 returned highly anomalous combined PGE values. The main anomalous elements are Pt and Pd with values of 3.7 and 2.7 ppb, respectively. The only corroborating data from Dyer (1999) for this site was anomalous Ni. None of the surrounding lake sites returned anomalous elements. The bedrock geology consists of Archean tonalite (Ontario Geological Survey 1991). As of October 2000 this site was open for staking.

10. Seine River area; Combined PGEs

This single site, number 0959, returned a Pd value of 5.9 ppb and a Pt value of 2 ppb; both are highly anomalous values. The surrounding lake sites are not anomalous. This site did return an elevated Ni value from the original ICP-MS analysis (Dyer 1999). The bedrock geology consists of Neoarchean tonalite (Ontario Geological Survey 1991). As of October 2000 this area was open for staking.

11. Little Turtle River area; Au

This anomalous area consists of a cluster of 4 highly anomalous Au sites. All sites have Au values greater than 18 ppb. The site numbers are 0383, 0385, 0386 and 0387. The original Au analysis by INAA (Dyer 1999) did not return any anomalous values. The 4 sites form a northerly trend coincident with a north striking fault. The bedrock geology consists of the Sanukitoid Suite; an intrusive contact of monzodiorite in a tonalitic suite (Jackson 1985b). There are no known mineral occurrences reported in the MDI for this area. As of October 2000 the ground was open for staking.

12. Rosscairn Creek area; Au

A solitary, highly anomalous Au value of 20.4 ppb was returned at site 0666. No corresponding elevated values from the 1999 INAA and ICP-MS data set were recorded for this site. As well, no accompanying elevated PGE values were returned and there are no recorded known mineral occurrences in the area. Site 0666 is located near the contact between a granitic suite and a tonalite/quartz diorite (Stone et al 1997). This ground was open for staking as of October 2000.

13. Mud Lake area, southeast Freeborn Twp; Combined PGEs

Sample site 2152 returned highly anomalous Pt and Pd values, 3 neighboring sites also have highly anomalous combined PGE values. The area covered by these sites consists of leased or patented land. Previous data for site 2151 (Dyer 1999) returned anomalous Au and highly anomalous B, Cr, As, Fe, Li, Ni, Cu, Mn, Sr and V values, with a LOI of 5%. The sample from site 2152 was a reddish-brown clay silt material which appeared to be tailings. From an exploration standpoint this is a false anomaly. However, the surrounding highly anomalous sites (1863, 1875, 1934) do not appear to be tailings. The original INAA analysis of these 3 sites returned elevated Pt

±Ni and ±As (Dyer 1999). It is possible that these high Pt and Pd values may be the result of anthropogenic causes as they are very close to the town of Atikokan.

CONCLUSIONS

Preliminary results and interpretation of the Atikokan-Lumby Lake geochemical survey have resulted in the identification of 13 discrete anomalous areas or locations. This survey has generated several new target areas for potential Au, Pt and Pd mineralization. The best potential for Au-PGE mineralization are areas adjacent to the Quetico fault, where abundant mafic-ultramafic intrusives occur. Excellent gold potential also exists within or along the margins of the Marmion Lake batholith, especially where geochemical anomalies correspond with northeast trending faults. As of October 2000, 6 of the anomalous areas or locations outlined in this report were available for staking, portions of 3 were on open ground and 4 were completely staked.

ACKNOWLEDGEMENTS

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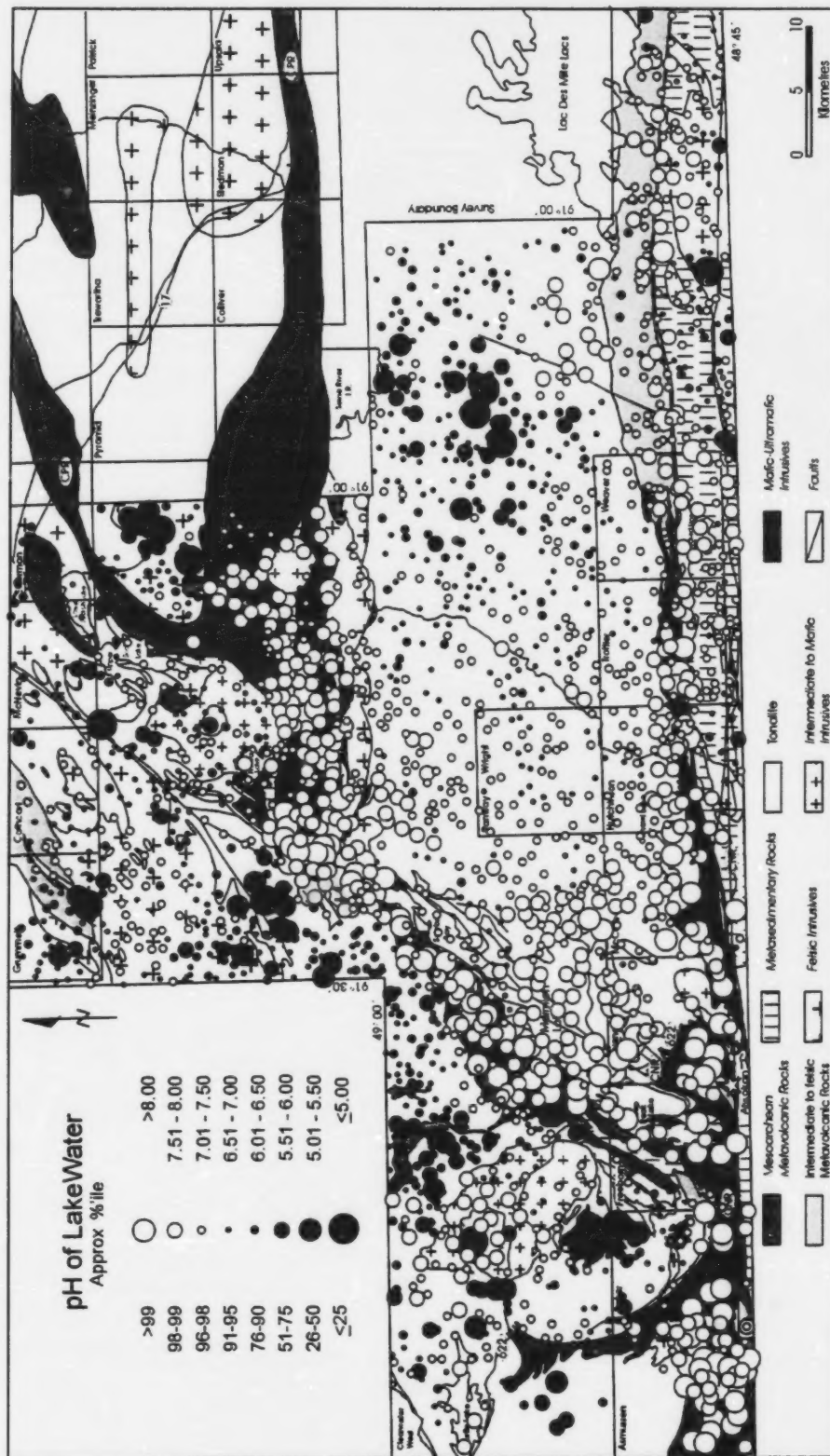
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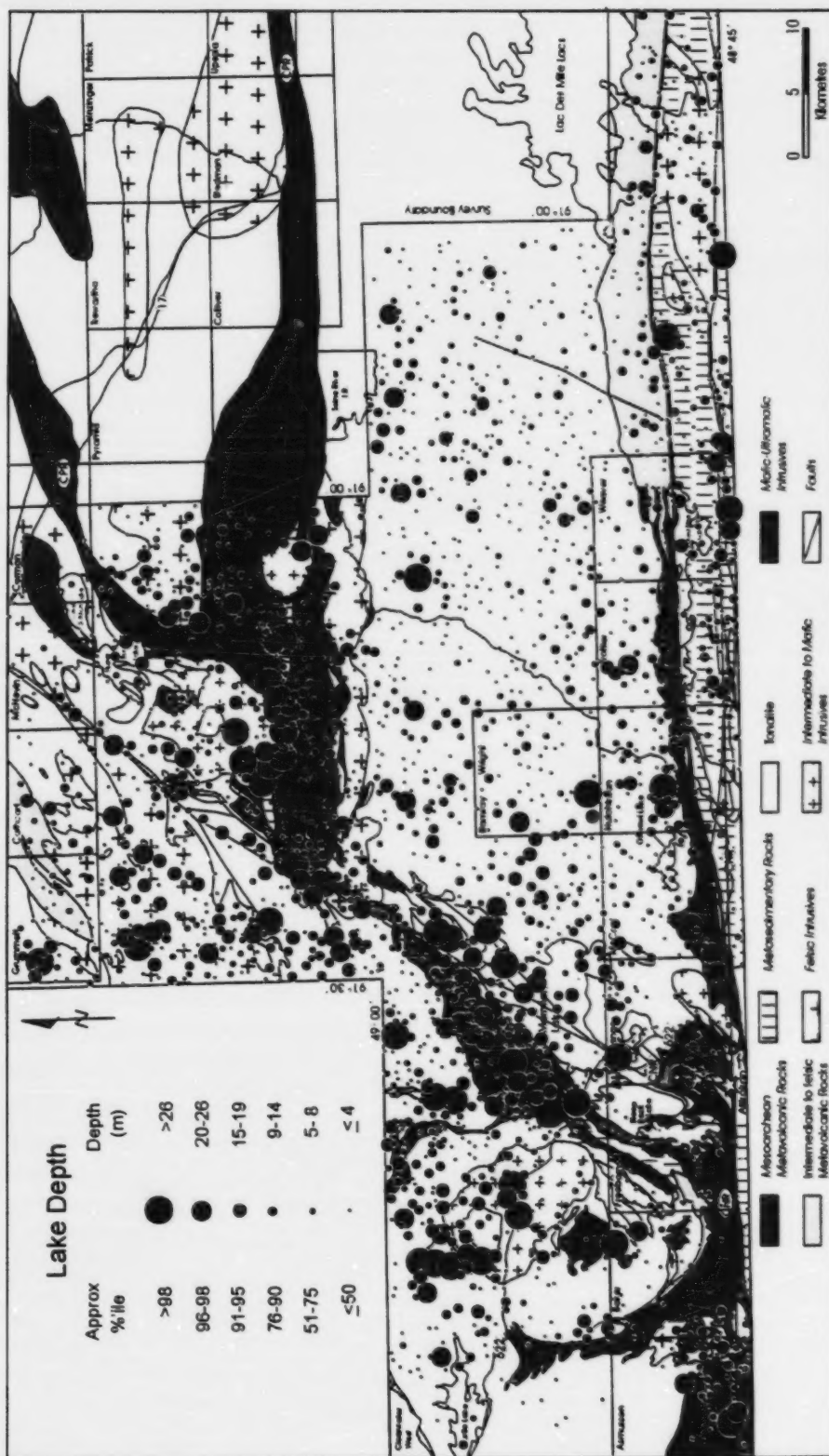
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APPENDIX A

Proportional dot maps of pH, conductivity, lake depth and Ca in lake waters.

The digital data used in the creation of the proportional dot maps included in this section has been previously released in Miscellaneous Release-Data (MRD-43) and OFR 5986.

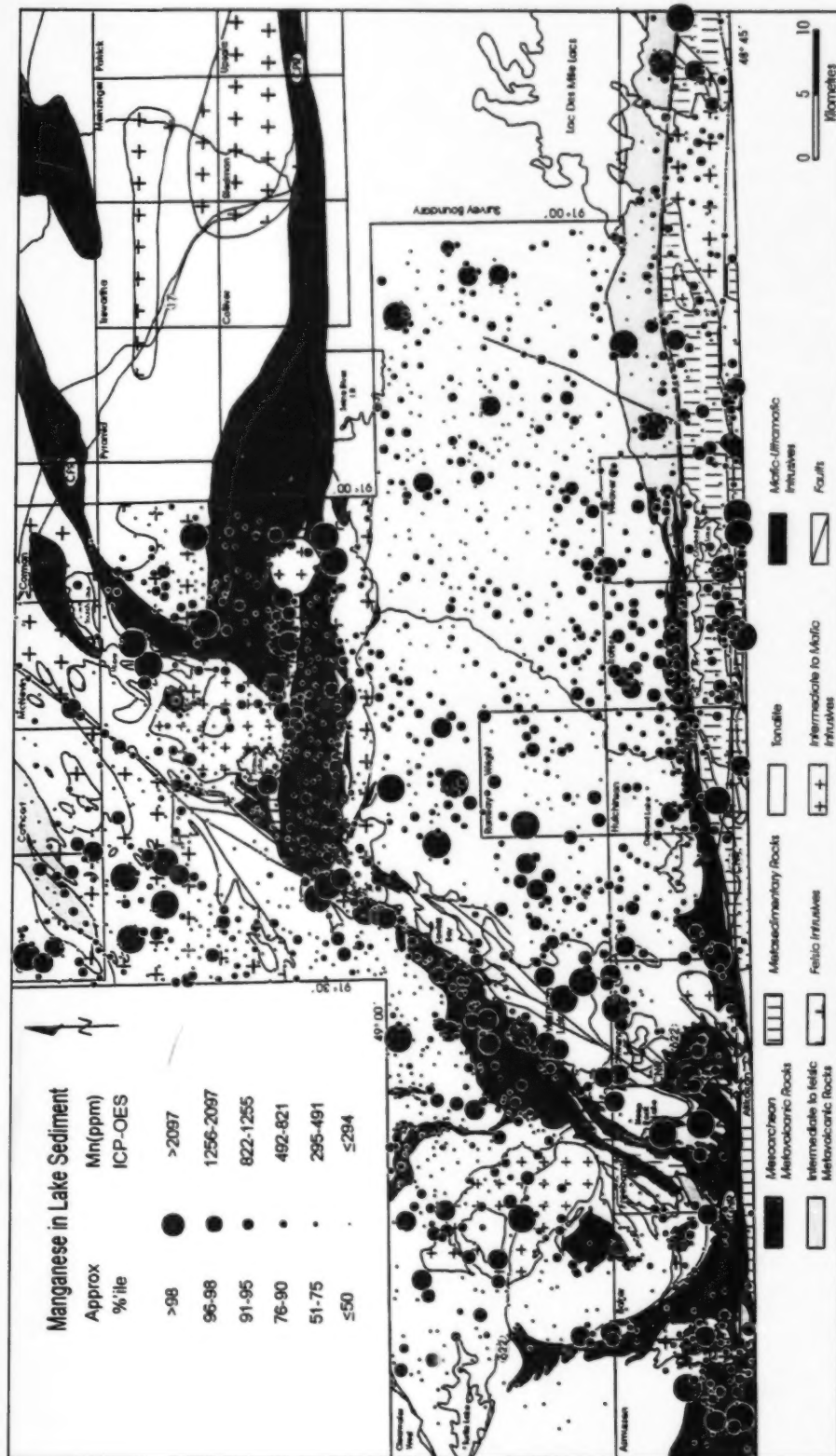




APPENDIX B

Lake sediment proportional dot maps for iron and manganese.

The digital data used in the creation of the proportional dot maps included in this section has been previously released in Miscellaneous Release-Data (MRD-43) and OFR 5986.



APPENDIX C

Summary of elements analyzed by lead fire assay and ICP-MS for Au, Pt and Pd.

ICP-MS= Inductively Coupled Plasma Mass Spectroscopy
LOI=loss-on-ignition

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI Grav. 0.01 %	Sample Weight g
		NAD 27 UTM Zone 15	method----->	Fire Assay/ICP-MS				
			detection limit----->	0.3	0.3	3.0		
			units----->	ppb	ppb	ppb		
1	97RDD-0001	621333	5404773	1.5	0.6	-3.0	58.80	10
2	97RDD-0002	620855	5406053	0.7	0.3	-3.0	75.26	10
3	97RDD-0003	619758	5407823	1.5	1.2	-3.0	45.75	10
4	97RDD-0004	618228	5410676	-0.3	-0.3	-3.0	63.47	10
5	97RDD-0005	617380	5412044	1.1	0.4	-3.0	59.14	10
6	97RDD-0006	616555	5411871	0.9	0.6	-3.0	69.90	10
7	97RDD-0007	616828	5412821	0.5	0.6	-3.0	58.84	10
8	97RDD-0008	616417	5413046	0.4	0.6	-3.0	53.12	10
9	97RDD-0009	616040	5413040	-0.3	0.5	-3.0	50.10	10
10	97RDD-0011	616827	5413667	1.0	0.7	-3.0	63.48	10
11	97RDD-0012	617979	5413593	0.3	0.5	-3.0	73.55	10
12	97RDD-0013	616627	5414863	-0.3	-0.3	-3.0	63.19	10
13	97RDD-0014	617677	5415890	2.0	1.1	-3.0	28.16	10
14	97RDD-0015	616631	5416761	2.1	1.4	-3.0	15.71	10
15	97RDD-0016	615821	5415995	0.8	0.3	-3.0	64.76	10
16	97RDD-0017	615117	5415769	0.7	0.4	-3.0	62.11	10
17	97RDD-0018	615469	5416391	1.1	0.7	-3.0	53.59	10
18	97RDD-0019	615447	5417580	0.8	0.7	-3.0	51.83	10
20	97RDD-0022	617243	5418007	2.1	1.7	-3.0	27.36	10
21	97RDD-0023	617333	5419106	1.4	1.3	-3.0	23.45	10
22	97RDD-0024	618171	5419824	0.9	0.7	-3.0	32.07	10
23	97RDD-0025	617303	5420744	1.4	1.8	-3.0	9.46	10
26	97RDD-0028	617058	5422287	0.5	0.6	-3.0	50.65	10
27	97RDD-0029	615905	5422330	0.7	0.7	-3.0	64.54	10
28	97RDD-0031	613787	5426503	1.0	0.7	-3.0	65.69	10
29	97RDD-0032	613690	5426869	2.2	0.5	-3.0	75.65	10
30	97RDD-0033	614304	5427047	1.1	0.9	-3.0	41.88	10
31	97RDD-0034	614430	5428203	0.8	0.5	-3.0	55.14	10
32	97RDD-0035	612810	5428172	0.3	0.6	-3.0	42.67	10
33	97RDD-0036	610360	5428268	0.6	0.8	-3.0	41.32	10
34	97RDD-0037	611982	5427451	0.6	-0.3	-3.0	62.57	8
36	97RDD-0039	612693	5426229	4.4	1.4	-3.0	58.28	10
37	97RDD-0041	611529	5425798	1.0	1.3	-3.0	17.07	10
38	97RDD-0042	611533	5426494	2.0	0.7	-3.0	51.61	10
39	97RDD-0043	610915	5426708	0.4	0.6	-3.0	40.25	10
40	97RDD-0044	610123	5426719	-0.3	0.4	-3.0	22.51	10
41	97RDD-0045	610010	5425986	-0.3	0.6	-3.0	47.87	10
42	97RDD-0046	611098	5425216	1.3	0.8	-3.0	27.85	10
43	97RDD-0047	611348	5424857	1.9	1.4	-3.0	28.14	10
44	97RDD-0048	610132	5424192	2.3	1.4	-3.0	19.25	10
45	97RDD-0049	610987	5423500	5.7	1.4	-3.0	55.91	10
46	97RDD-0051	612572	5421253	1.1	0.4	40.9	53.08	10
47	97RDD-0052	614744	5421455	1.3	0.7	3.0	66.81	10
48	97RDD-0053	614586	5418740	1.1	0.5	-3.0	56.72	10
49	97RDD-0054	614609	5417341	1.9	1.0	-3.0	40.77	10
50	97RDD-0055	614070	5416870	1.3	0.9	-3.0	43.05	10
51	97RDD-0056	612653	5417132	0.6	0.5	-3.0	49.20	10
52	97RDD-0057	611119	5416731	1.6	1.2	-3.0	41.05	10
53	97RDD-0058	611612	5416256	0.8	0.4	-3.0	41.92	10
54	97RDD-0059	612207	5416131	1.3	0.8	-3.0	44.61	10
55	97RDD-0061	612620	5415603	1.3	0.8	-3.0	48.32	10
56	97RDD-0062	613771	5416100	0.6	0.7	-3.0	69.66	10
57	97RDD-0063	613544	5415489	1.0	0.7	-3.0	52.83	10
58	97RDD-0064	614192	5415143	-0.3	-0.3	-3.0	63.74	8

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI	Sample Weight
		NAD 27 UTM Zone 15	method—————→	Fire Assay/ICP-MS			Grav. 0.01 %	
			detection limit————→	0.3	0.3	3.0		
				units—————→	ppb	ppb		
59	97RDD-0065	613036	5414655	1.4	1.0	-3.0	49.90	10
60	97RDD-0066	612386	5414329	0.9	0.6	-3.0	54.25	10
61	97RDD-0067	613207	5413534	1.2	0.8	-3.0	49.03	10
62	97RDD-0068	613570	5413950	-0.3	-0.3	-3.0	58.81	10
63	97RDD-0069	615034	5414716	0.7	-0.3	-3.0	47.82	10
64	97RDD-0071	615839	5414453	1.8	1.4	-3.0	31.74	10
65	97RDD-0072	615981	5413911	1.2	0.5	-3.0	57.58	10
66	97RDD-0073	615327	5413386	1.7	1.1	-3.0	29.87	10
67	97RDD-0074	613900	5413063	-0.3	-0.3	-3.0	69.32	4
68	97RDD-0075	614242	5412416	2.3	1.8	-3.0	14.48	10
69	97RDD-0076	613401	5411447	1.5	1.0	-3.0	26.86	10
70	97RDD-0077	614592	5411226	1.9	1.3	-3.0	24.62	10
71	97RDD-0078	615597	5411667	1.8	1.1	-3.0	9.17	10
72	97RDD-0079	615204	5410399	1.5	0.6	-3.0	19.06	10
73	97RDD-0081	616673	5410525	1.1	0.6	-3.0	44.27	10
74	97RDD-0082	616977	5411274	1.0	0.7	-3.0	57.13	10
75	97RDD-0083	617464	5410378	1.6	0.5	-3.0	69.91	10
76	97RDD-0084	618533	5408411	0.9	0.5	-3.0	46.70	10
78	97RDD-0086	620065	5405281	0.9	0.3	-3.0	55.54	10
79	97RDD-0087	621161	5403237	2.5	1.6	-3.0	12.60	10
80	97RDD-0088	620504	5402274	1.9	1.6	-3.0	15.52	10
81	97RDD-0089	623142	5405324	1.8	0.7	-3.0	64.54	10
82	97RDD-0091	620769	5407585	0.9	0.8	-3.0	13.04	10
83	97RDD-0092	619778	5413389	0.6	0.5	-3.0	81.08	10
84	97RDD-0093	618605	5417580	2.1	1.3	-3.0	24.09	10
85	97RDD-0094	619151	5419817	0.8	0.7	-3.0	37.18	10
86	97RDD-0095	618760	5423654	1.3	0.4	-3.0	62.54	10
87	97RDD-0096	617386	5428159	0.9	0.8	-3.0	64.91	10
88	97RDD-0097	616375	5429952	3.4	0.5	-3.0	52.98	10
89	97RDD-0098	615949	5433493	2.5	1.1	-3.0	30.48	10
90	97RDD-0099	615343	5436402	1.3	0.7	-3.0	41.77	10
91	97RDD-0101	615257	5439344	1.0	0.7	-3.0	40.67	10
92	97RDD-0102	615087	5440595	1.6	0.9	-3.0	39.05	10
93	97RDD-0103	614788	5441618	1.8	0.9	-3.0	38.87	10
94	97RDD-0104	615395	5441655	1.6	0.9	-3.0	35.29	10
95	97RDD-0105	615759	5442491	1.3	0.8	-3.0	34.79	10
96	97RDD-0106	614570	5443745	2.0	0.8	-3.0	10.46	10
97	97RDD-0107	615454	5445113	2.4	0.8	-3.0	27.95	10
98	97RDD-0108	614951	5445796	1.5	0.8	-3.0	48.85	10
99	97RDD-0109	615778	5446928	1.8	1.0	-3.0	29.10	10
100	97RDD-0111	616831	5446281	0.7	1.0	-3.0	33.59	10
101	97RDD-0112	617837	5447248	2.0	1.1	-3.0	29.60	10
102	97RDD-0113	618573	5447796	2.7	0.7	-3.0	47.61	10
103	97RDD-0114	617501	5448187	2.1	0.7	-3.0	34.00	10
104	97RDD-0115	616648	5448804	1.5	0.7	-3.0	22.85	10
105	97RDD-0116	616267	5449544	1.1	0.8	-3.0	44.26	10
106	97RDD-0117	616911	5449570	1.2	0.9	-3.0	21.57	10
107	97RDD-0118	617348	5450532	1.3	0.8	-3.0	36.54	10
108	97RDD-0119	617245	5449505	0.9	0.8	-3.0	36.31	10
110	97RDD-0122	619454	5450576	1.0	0.5	-3.0	33.07	10
111	97RDD-0123	618900	5451205	1.0	0.9	-3.0	43.56	10
112	97RDD-0124	617897	5452175	1.6	0.7	-3.0	31.74	10
114	97RDD-0126	617596	5453301	1.1	0.6	-3.0	35.28	10
115	97RDD-0127	618125	5454582	1.4	0.9	-3.0	40.69	10

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI	Sample Weight
		NAD 27	method—————>	Fire Assay/ICP-MS			Grav.	
		UTM Zone 15	detection limit————>	0.3	0.3	3.0	0.01	
			units—————>	ppb	ppb	ppb	%	
116	97RDD-0128	618846	5454982	0.8	1.7	-3.0	45.66	10
117	97RDD-0129	617390	5454802	0.7	0.7	3.3	30.29	10
118	97RDD-0131	616679	5454011	1.0	0.9	-3.0	51.09	10
119	97RDD-0132	616340	5453479	1.2	0.8	-3.0	38.34	10
120	97RDD-0133	616300	5452707	1.3	1.0	-3.0	30.23	10
121	97RDD-0134	616051	5451431	0.3	0.5	-3.0	26.17	10
122	97RDD-0135	615392	5450671	0.6	0.6	-3.0	41.20	10
123	97RDD-0136	614903	5452022	0.9	0.9	-3.0	37.03	10
124	97RDD-0137	615441	5453201	0.8	0.9	-3.0	31.90	10
125	97RDD-0138	615121	5453788	0.7	0.8	-3.0	40.06	10
126	97RDD-0139	614173	5454012	0.8	0.8	-3.0	43.88	10
127	97RDD-0141	614182	5454793	0.8	0.7	-3.0	50.31	10
128	97RDD-0142	613614	5455699	0.9	0.6	-3.0	63.04	10
129	97RDD-0143	612411	5455163	-0.3	0.6	-3.0	48.79	10
130	97RDD-0144	611484	5455561	-0.3	0.6	-3.0	24.74	10
131	97RDD-0145	609958	5454621	-0.3	-0.3	-3.0	43.33	10
133	97RDD-0147	611018	5454278	-0.3	0.8	-3.0	42.29	10
134	97RDD-0148	611615	5453926	-0.3	0.6	-3.0	25.83	10
135	97RDD-0149	612217	5453433	-0.3	0.8	-3.0	48.64	10
136	97RDD-0151	612895	5453698	-0.3	0.4	-3.0	41.08	10
137	97RDD-0152	613733	5452581	-0.3	0.9	-3.0	40.75	10
138	97RDD-0153	612391	5452838	1.7	1.1	-3.0	41.79	10
139	97RDD-0154	611547	5452810	-0.3	0.4	-3.0	62.37	10
141	97RDD-0156	609554	5453055	-0.3	0.6	-3.0	48.64	10
142	97RDD-0157	609724	5452195	-0.3	0.7	-3.0	15.10	10
143	97RDD-0158	610319	5451263	-0.3	-0.3	-3.0	25.10	10
144	97RDD-0159	609877	5450019	-0.3	0.3	-3.0	31.63	10
145	97RDD-0161	609385	5450440	-0.3	0.4	-3.0	29.64	10
146	97RDD-0162	611098	5451553	-0.3	0.5	-3.0	33.15	10
147	97RDD-0163	612015	5451628	-0.3	0.6	-3.0	41.90	10
148	97RDD-0164	613427	5451460	-0.3	0.7	-3.0	38.14	10
149	97RDD-0165	614005	5451068	1.2	1.1	-3.0	27.68	10
150	97RDD-0166	614306	5450456	-0.3	0.7	-3.0	48.26	10
151	97RDD-0167	612616	5450304	1.8	0.8	-3.0	29.19	10
152	97RDD-0168	611990	5450092	1.8	0.7	-3.0	36.70	10
153	97RDD-0169	611641	5449645	1.3	0.5	-3.0	32.99	10
154	97RDD-0171	611481	5449229	2.6	1.0	3.3	31.56	10
155	97RDD-0172	611460	5448454	1.1	0.6	-3.0	39.54	10
156	97RDD-0173	612814	5447675	2.7	1.2	3.3	34.30	10
157	97RDD-0174	613390	5446727	0.8	0.9	5.2	35.20	10
158	97RDD-0175	613268	5445696	1.2	0.8	-3.0	37.36	10
159	97RDD-0176	613452	5445064	1.0	1.3	3.4	39.99	10
160	97RDD-0177	613556	5443063	0.6	1.0	-3.0	36.68	10
161	97RDD-0178	614248	5442691	0.8	1.2	-3.0	30.75	10
162	97RDD-0179	614328	5439539	0.8	1.0	-3.0	32.07	10
163	97RDD-0181	614041	5436812	1.4	1.7	-3.0	48.58	10
164	97RDD-0182	615118	5433588	1.1	1.3	-3.0	57.87	10
165	97RDD-0183	615672	5430657	1.8	1.6	-3.0	39.15	10
166	97RDD-0184	616731	5428840	1.4	1.6	-3.0	36.32	10
167	97RDD-0185	618938	5424860	-0.3	0.3	-3.0	52.43	10
168	97RDD-0186	620086	5424392	0.8	1.3	-3.0	40.04	10
169	97RDD-0187	620139	5419458	1.1	1.7	-3.0	45.62	10
171	97RDD-0189	620466	5412621	-0.3	0.8	-3.0	83.78	10
172	97RDD-0191	619829	5410199	2.1	1.8	-3.0	19.22	10

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI	Sample Weight
		NAD 27	method—————>	Fire Assay/ICP-MS			Grav.	
		UTM Zone 15	detection limit————>	0.3	0.3	3.0	0.01	
			units—————>	ppb	ppb	ppb	%	
173	97RDD-0192	621451	5406460	0.4	0.6	-3.0	53.90	10
174	97RDD-0193	622840	5405817	0.5	1.1	-3.0	60.32	10
175	97RDD-0194	621747	5407438	2.0	1.7	5.4	14.09	10
177	97RDD-0196	620630	5414242	-0.3	0.9	-3.0	14.20	10
180	97RDD-0199	621056	5424301	0.8	0.7	-3.0	48.17	10
181	97RDD-0201	629176	5428475	0.9	1.5	-3.0	47.83	10
182	97RDD-0202	619917	5428409	-0.3	0.3	-3.0	54.13	10
183	97RDD-0203	617870	5429278	1.6	0.8	-3.0	53.58	10
184	97RDD-0204	616788	5429543	1.8	1.7	-3.0	31.49	10
185	97RDD-0205	615870	5429395	-0.3	0.6	-3.0	48.13	10
186	97RDD-0206	615192	5429080	-0.3	0.8	-3.0	69.71	10
187	97RDD-0207	614644	5428747	1.5	2.1	-3.0	52.70	10
188	97RDD-0208	613673	5428754	0.8	1.7	12.3	48.68	10
189	97RDD-0209	613370	5430114	-0.3	0.4	-3.0	40.87	10
190	97RDD-0211	613048	5430430	-0.3	0.4	-3.0	55.24	10
191	97RDD-0212	612196	5430631	0.8	0.9	-3.0	66.07	10
192	97RDD-0213	612372	5430256	1.0	1.0	-3.0	55.88	10
193	97RDD-0214	611785	5429768	0.8	1.3	-3.0	50.08	10
194	97RDD-0215	612270	5429411	0.8	0.8	-3.0	44.23	10
195	97RDD-0216	611344	5428913	0.7	0.9	-3.0	41.23	10
196	97RDD-0217	610645	5428385	0.7	0.8	-3.0	44.81	10
197	97RDD-0218	610235	5428578	0.4	0.8	-3.0	32.29	10
198	97RDD-0219	610134	5429057	0.8	0.9	-3.0	39.19	10
199	97RDD-0221	610492	5429540	1.5	2.9	-3.0	39.55	10
200	97RDD-0222	610380	5430373	1.8	2.9	-3.0	30.59	10
201	97RDD-0223	610317	5430790	0.8	0.9	-3.0	43.79	10
202	97RDD-0224	611389	5430535	0.7	1.1	-3.0	25.91	10
203	97RDD-0225	611698	5431420	0.6	0.7	-3.0	44.14	10
204	97RDD-0226	612890	5431923	0.7	1.0	-3.0	46.28	10
205	97RDD-0227	612519	5432840	0.7	1.1	-3.0	45.69	10
206	97RDD-0228	611882	5433510	0.9	1.1	-3.0	44.46	10
207	97RDD-0229	611421	5432978	0.7	0.7	-3.0	50.29	10
208	97RDD-0231	610897	5432254	0.7	0.6	-3.0	54.93	10
209	97RDD-0232	609887	5432823	0.5	0.6	-3.0	48.93	10
210	97RDD-0233	611208	5433598	-0.3	0.4	-3.0	53.23	10
211	97RDD-0234	610670	5433987	0.5	0.9	-3.0	49.45	10
212	97RDD-0235	609836	5435066	0.5	0.7	-3.0	24.59	10
213	97RDD-0236	611754	5435367	0.6	0.5	-3.0	26.41	10
214	97RDD-0237	610792	5435975	0.5	0.5	-3.0	18.18	10
215	97RDD-0238	612023	5436720	0.7	0.6	-3.0	23.41	10
216	97RDD-0239	610494	5436771	0.5	0.7	-3.0	64.35	10
217	97RDD-0241	609648	5437081	0.5	0.7	-3.0	46.54	10
218	97RDD-0242	611086	5437998	0.4	0.6	-3.0	55.96	10
219	97RDD-0243	611729	5437694	0.7	0.6	-3.0	38.09	10
220	97RDD-0244	612078	5438251	0.6	0.9	-3.0	37.78	10
221	97RDD-0245	612638	5438850	0.5	0.4	-3.0	26.83	10
222	97RDD-0246	611595	5438993	0.5	0.6	-3.0	67.18	10
223	97RDD-0247	610812	5439585	0.6	0.5	-3.0	35.34	10
224	97RDD-0248	610162	5438893	0.9	0.9	-3.0	34.02	10
225	97RDD-0249	610034	5439769	0.6	0.6	-3.0	33.37	10
226	97RDD-0251	611125	5440364	0.3	0.5	-3.0	37.60	10
227	97RDD-0252	609783	5440973	1.2	0.9	-3.0	41.27	10
228	97RDD-0253	609960	5441540	0.5	0.5	-3.0	39.24	10
229	97RDD-0254	611616	5441447	0.9	0.9	-3.0	54.36	10

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI	Sample Weight
		NAD 27 UTM Zone 15	method————→	Fire Assay/ICP-MS			Grav. 0.01 %	
			detection limit————→	0.3	0.3	3.0		
			units————→	ppb	ppb	ppb		
230	97RDD-0255	612313	5440984	0.4	0.6	-3.0	41.54	10
231	97RDD-0256	611974	5440386	0.4	0.5	-3.0	51.30	10
232	97RDD-0257	612022	5439748	-0.3	-0.3	-3.0	42.32	10
233	97RDD-0258	613124	5437981	1.0	0.9	-3.0	32.40	10
234	97RDD-0259	613080	5437219	0.6	0.7	-3.0	17.15	10
235	97RDD-0261	613598	5436104	0.3	0.6	-3.0	33.11	10
236	97RDD-0262	613364	5435569	0.9	1.0	-3.0	33.80	10
237	97RDD-0263	612798	5435001	0.7	1.0	-3.0	41.81	10
238	97RDD-0264	613242	5434093	0.4	0.4	-3.0	33.78	10
239	97RDD-0265	612959	5433496	0.8	1.1	-3.0	48.34	10
240	97RDD-0266	613970	5431615	1.0	1.1	-3.0	45.31	10
241	97RDD-0267	615694	5430112	0.5	0.6	-3.0	44.14	10
243	97RDD-0269	619091	5416862	1.8	1.7	-3.0	23.98	10
244	97RDD-0271	619095	5414251	0.4	0.7	-3.0	55.60	10
246	97RDD-0273	618841	5409115	0.8	1.1	-3.0	51.89	10
247	97RDD-0274	619230	5404419	0.7	0.7	-3.0	62.01	10
248	97RDD-0275	623151	5406331	0.5	0.7	-3.0	58.47	10
250	97RDD-0276	623201	5414056	0.5	0.4	-3.0	64.81	9
251	97RDD-0278	622236	5419365	1.6	1.6	-3.0	12.69	10
252	97RDD-0279	622097	5422960	1.0	0.8	-3.0	35.83	10
253	97RDD-0281	621779	5427989	2.0	3.3	-3.0	33.82	10
254	97RDD-0282	619736	5430254	1.7	1.6	-3.0	39.97	10
255	97RDD-0283	618772	5431813	2.3	1.0	-3.0	66.01	8
256	97RDD-0284	617850	5432811	2.5	1.0	-3.0	57.74	10
257	97RDD-0285	617226	5434446	1.4	0.8	-3.0	28.29	10
258	97RDD-0286	616674	5435424	1.6	0.8	-3.0	49.71	10
259	97RDD-0287	616642	5435899	3.0	-0.3	-3.0	33.23	10
260	97RDD-0288	615701	5437283	0.4	0.6	-3.0	37.64	10
261	97RDD-0289	614160	5438134	2.1	0.9	-3.0	38.37	10
262	97RDD-0291	613733	5438230	1.9	0.8	-3.0	49.64	10
264	97RDD-0293	613405	5439438	1.6	0.4	-3.0	26.25	10
265	97RDD-0294	612880	5439942	1.5	1.0	-3.0	33.55	10
266	97RDD-0295	613379	5440541	0.8	1.0	-3.0	36.58	10
267	97RDD-0296	614137	5440648	1.3	0.9	-3.0	46.48	10
269	97RDD-0298	613818	5442373	0.9	1.0	-3.0	32.81	10
270	97RDD-0299	613531	5441755	1.2	0.7	-3.0	20.36	10
271	97RDD-0301	613108	5441765	1.0	0.5	-3.0	44.53	10
272	97RDD-0302	612285	5442251	0.9	0.8	-3.0	31.38	10
273	97RDD-0303	611421	5442437	0.5	0.7	-3.0	41.77	10
274	97RDD-0304	611943	5443243	1.0	0.6	-3.0	41.15	10
275	97RDD-0305	611385	5444144	0.5	0.7	-3.0	43.54	10
276	97RDD-0306	610646	5442902	0.8	1.1	-3.0	40.38	10
277	97RDD-0307	610054	5442930	1.0	1.2	-3.0	32.25	10
278	97RDD-0308	609705	5443276	0.8	0.8	-3.0	40.63	10
279	97RDD-0309	609560	5444216	0.7	0.8	-3.0	32.92	10
280	97RDD-0311	609764	5445205	1.0	0.4	-3.0	36.41	10
281	97RDD-0312	610781	5445513	1.3	0.6	-3.0	33.08	10
282	97RDD-0313	610076	5446378	1.0	0.6	-3.0	37.02	10
284	97RDD-0315	610342	5448203	1.5	0.9	-3.0	17.00	10
285	97RDD-0316	612428	5448588	1.1	0.4	-3.0	31.08	10
286	97RDD-0317	613367	5449194	1.2	0.4	-3.0	57.85	10
287	97RDD-0318	613928	5449534	1.0	0.7	-3.0	38.18	10
288	97RDD-0319	615524	5448096	1.3	0.6	-3.0	33.71	10
290	97RDD-0322	613799	5447345	0.7	0.7	-3.0	19.79	9

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI	Sample Weight
		NAD 27	method→	Fire Assay/ICP-MS			Grav.	
		UTM Zone 15	detection limit→	0.3	0.3	3.0	0.01	
			units→	ppb	ppb	ppb	%	g
292	97RDD-0324	612021	5445817	1.2	0.8	-3.0	36.62	10
293	97RDD-0325	612073	5444982	0.9	-0.3	-3.0	43.89	10
294	97RDD-0326	612774	5444623	1.5	0.7	-3.0	51.99	10
295	97RDD-0327	616852	5445226	1.1	0.7	-3.0	38.96	10
297	97RDD-0329	619188	5446391	2.3	1.0	-3.0	11.79	10
298	97RDD-0331	618684	5445148	2.1	0.9	-3.0	26.26	10
299	97RDD-0332	617714	5444019	1.9	1.0	-3.0	26.75	10
300	97RDD-0333	616976	5443321	1.2	0.4	-3.0	33.05	10
301	97RDD-0334	618504	5443407	1.1	0.7	-3.0	27.82	10
302	97RDD-0335	617577	5442876	1.1	0.8	-3.0	41.78	10
303	97RDD-0336	616898	5442269	1.1	0.7	-3.0	41.86	10
304	97RDD-0337	616191	5440792	1.6	0.8	-3.0	31.85	10
305	97RDD-0338	617695	5440948	1.8	0.6	-3.0	47.15	10
306	97RDD-0339	619711	5439836	1.1	0.5	-3.0	35.74	10
307	97RDD-0341	619411	5437881	1.7	0.7	-3.0	48.79	10
308	97RDD-0342	619654	5437436	1.2	0.7	-3.0	30.51	10
309	97RDD-0343	618963	5437325	1.5	0.7	-3.0	45.43	10
310	97RDD-0344	617702	5437135	1.9	0.8	-3.0	47.11	10
311	97RDD-0345	617081	5438052	1.2	0.6	-3.0	42.92	10
313	97RDD-0347	618734	5436067	3.8	1.4	-3.0	63.66	10
316	97RDD-0351	615790	5434762	1.7	0.7	-3.0	37.87	10
317	97RDD-0352	615285	5435781	1.9	0.6	-3.0	60.46	10
318	97RDD-0353	614618	5432606	1.7	0.5	-3.0	25.74	10
319	97RDD-0354	614970	5431211	1.6	0.9	-3.0	31.06	10
320	97RDD-0355	615060	5430574	1.5	0.7	-3.0	48.72	10
321	97RDD-0356	614993	5429771	1.2	0.4	-3.0	53.76	10
322	97RDD-0357	616335	5430982	2.0	0.8	-3.0	32.00	10
323	97RDD-0358	616680	5430252	2.3	0.7	-3.0	31.89	10
324	97RDD-0359	617127	5430707	3.0	0.6	-3.0	56.82	10
325	97RDD-0361	617778	5430423	3.3	1.1	-3.0	56.96	10
326	97RDD-0362	618692	5429710	3.6	1.5	-3.0	43.17	10
327	97RDD-0363	618636	5428806	-0.3	-0.3	-3.0	80.71	7
328	97RDD-0364	620698	5425676	2.0	1.1	-3.0	33.69	10
329	97RDD-0365	621790	5424795	1.2	0.9	-3.0	42.82	10
330	97RDD-0366	621488	5422311	1.6	1.2	-3.0	36.27	10
331	97RDD-0367	622555	5420915	1.3	0.6	-3.0	56.98	10
332	97RDD-0368	623217	5416749	1.2	1.0	-3.0	57.37	10
333	97RDD-0369	623577	5415936	1.1	0.5	-3.0	59.71	10
334	97RDD-0371	623690	5412436	2.7	1.4	-3.0	22.97	10
335	97RDD-0372	623689	5409388	1.4	0.9	-3.0	10.84	10
337	97RDD-0374	623467	5403073	2.8	1.3	-3.0	32.40	10
338	97RDD-0375	623765	5404279	2.5	1.8	-3.0	21.42	10
339	97RDD-0376	622573	5406560	1.5	0.5	-3.0	50.00	10
340	97RDD-0377	621950	5412074	2.9	1.3	-3.0	25.13	10
342	97RDD-0379	623252	5421876	2.7	1.2	-3.0	27.33	10
343	97RDD-0381	622543	5424736	1.7	0.6	-3.0	41.49	10
344	97RDD-0382	622191	5426055	2.0	0.7	-3.0	57.65	10
345	97RDD-0383	621625	5430686	2.0	1.2	-3.0	60.41	8
346	97RDD-0384	621521	5431241	2.7	1.2	-3.0	56.27	10
347	97RDD-0385	619359	5430946	1.0	0.4	-3.0	57.02	10
348	97RDD-0386	618702	5431133	1.8	1.1	-3.0	65.81	6
349	97RDD-0387	619679	5431996	1.6	0.8	-3.0	60.22	8
350	97RDD-0388	619926	5432356	1.7	0.7	-3.0	61.54	9
351	97RDD-0389	619879	5432870	2.4	0.9	-3.0	66.19	4

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI	Sample Weight
		NAD 27 UTM Zone 15	method—————→ detection limit————→ units—————→	Fire Assay/ICP-MS			Grav. 0.01 %	
			0.3 ppb	0.3 ppb	3.0 ppb			
352	97RDD-0391	619127	5432731	2.8	1.3	-3.0	53.65	10
353	97RDD-0392	618018	5432420	3.1	0.7	-3.0	59.21	10
354	97RDD-0393	617462	5431691	1.4	1.0	-3.0	47.37	10
355	97RDD-0394	616939	5432703	1.5	1.3	-3.0	30.90	10
356	97RDD-0395	618066	5433652	1.4	1.1	-3.0	49.24	10
357	97RDD-0396	619317	5433364	1.3	-0.3	-3.0	71.69	5
358	97RDD-0397	619884	5433789	1.4	0.7	-3.0	57.34	9
359	97RDD-0398	619236	5434158	8.0	1.9	-3.0	69.25	8
360	97RDD-0399	619416	5434730	4.8	1.5	-3.0	67.67	10
361	97RDD-0401	619832	5435305	4.3	1.8	-3.0	58.52	10
363	97RDD-0403	620462	5435242	5.4	1.7	-3.0	65.30	7
364	97RDD-0404	621332	5435565	2.7	1.5	-3.0	59.51	6
365	97RDD-0405	620471	5435806	4.2	1.5	-3.0	61.37	6
366	97RDD-0406	620607	5436683	3.1	0.9	-3.0	55.60	10
367	97RDD-0407	621376	5436959	1.4	0.8	-3.0	39.21	10
368	97RDD-0408	620269	5438319	-0.3	0.4	-3.0	13.43	10
370	97RDD-0411	620788	5440425	-0.3	-0.3	-3.0	6.98	10
371	97RDD-0412	621861	5441862	-0.3	0.3	-3.0	29.59	10
372	97RDD-0413	622494	5443010	-0.3	0.5	-3.0	37.23	10
373	97RDD-0414	620817	5443131	-0.3	-0.3	-3.0	53.33	10
374	97RDD-0415	620216	5443245	-0.3	0.6	-3.0	40.16	10
375	97RDD-0416	619829	5443763	-0.3	0.4	-3.0	40.47	10
376	97RDD-0417	620246	5444515	-0.3	0.3	-3.0	38.43	10
377	97RDD-0418	620985	5444283	-0.3	0.6	-3.0	46.01	10
378	97RDD-0419	622149	5445091	-0.3	0.5	-3.0	47.21	10
379	97RDD-0421	622046	5444109	-0.3	0.7	-3.0	43.74	10
380	97RDD-0422	622604	5443876	-0.3	0.4	-3.0	54.32	10
381	97RDD-0423	623442	5444044	-0.3	0.4	-3.0	52.89	10
382	97RDD-0424	623797	5443522	-0.3	-0.3	5.2	49.35	3.39
383	97RDD-0425	624288	5443044	-0.3	-0.3	71.4	59.66	10
384	97RDD-0426	624029	5441997	-0.3	-0.3	-3.0	47.89	7
385	97RDD-0427	623673	5440628	-0.3	-0.3	29.4	46.95	10
386	97RDD-0428	623062	5440539	-0.3	0.5	21.2	43.54	10
387	97RDD-0429	623521	5439997	-0.3	-0.3	18.2	46.97	10
388	97RDD-0431	622568	5438508	1.0	0.8	11.2	40.54	10
389	97RDD-0432	621841	5438183	1.1	1.1	11.5	32.18	10
390	97RDD-0433	622385	5437790	0.7	1.0	10.3	52.98	10
391	97RDD-0434	622794	5438110	-0.3	0.5	8.3	41.35	10
392	97RDD-0435	623053	5436725	2.5	1.0	-3.0	37.57	9
393	97RDD-0436	622466	5435789	1.8	0.7	-3.0	55.64	5
394	97RDD-0437	621980	5431869	1.2	-0.3	-3.0	51.37	4.82
395	97RDD-0438	622361	5428088	-0.3	-0.3	36.4	52.50	10
396	97RDD-0439	621195	5426834	0.9	0.7	-3.0	34.55	10
397	97RDD-0441	621548	5417671	1.3	1.3	-3.0	19.62	10
398	97RDD-0442	620486	5414937	1.0	1.8	11.5	9.26	10
399	97RDD-0443	619245	5409697	-0.3	0.8	16.1	54.38	10
400	97RDD-0444	619112	5406081	-0.3	0.5	7.9	40.10	10
401	97RDD-0445	623170	5407362	-0.3	-0.3	-3.0	66.70	10
403	97RDD-0447	623721	5414536	0.7	0.6	-3.0	45.47	10
404	97RDD-0448	622986	5418250	0.7	1.3	-3.0	7.94	10
405	97RDD-0449	623112	5423552	0.4	0.8	-3.0	46.39	10
406	97RDD-0451	622370	5424286	-0.3	0.6	-3.0	45.53	10
408	97RDD-0453	623551	5430825	-0.3	0.5	-3.0	66.91	10
409	97RDD-0454	623292	5432858	1.0	0.4	-3.0	47.75	10

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI	Sample Weight
		NAD 27 UTM Zone 15	method————→	Fire Assay/ICP-MS			Grav. 0.01 %	
			detection limit————→	0.3	0.3	3.0		
				units————→	ppb	ppb		
410	97RDD-0455	623789	5435354	0.5	0.7	-3.0	44.42	10
411	97RDD-0456	624943	5438558	-0.3	0.5	-3.0	18.50	10
412	97RDD-0457	624412	5441435	-0.3	0.5	-3.0	49.39	10
413	97RDD-0458	624611	5442377	-0.3	-0.3	-3.0	61.14	10
414	97RDD-0459	624644	5442758	-0.3	0.3	-3.0	59.43	10
415	97RDD-0461	623701	5444592	-0.3	0.5	-3.0	40.41	10
416	97RDD-0462	623551	5445435	-0.3	0.7	-3.0	38.97	10
417	97RDD-0463	622958	5445610	-0.3	0.5	-3.0	32.19	10
418	97RDD-0464	623098	5447574	-0.3	0.7	-3.0	21.90	10
419	97RDD-0465	623635	5448194	-0.3	0.5	-3.0	40.97	10
420	97RDD-0466	621064	5447489	0.5	0.8	-3.0	8.16	10
421	97RDD-0467	619906	5447743	-0.3	-0.3	-3.0	14.99	10
422	97RDD-0468	622064	5448696	0.3	0.4	-3.0	26.08	10
423	97RDD-0469	621131	5449675	-0.3	0.3	-3.0	36.92	10
424	97RDD-0471	619910	5449346	-0.3	0.5	-3.0	47.19	10
425	97RDD-0472	621054	5450645	0.4	0.7	3.7	45.01	10
426	97RDD-0473	620042	5451756	0.9	0.5	4.6	29.09	10
427	97RDD-0474	621327	5451975	-0.3	0.7	7.4	41.19	10
428	97RDD-0475	622143	5452304	-0.3	0.5	3.8	50.64	10
429	97RDD-0476	622911	5452194	-0.3	-0.3	5.0	18.39	10
430	97RDD-0477	622714	5450969	4.0	1.5	18.9	44.26	10
431	97RDD-0478	623690	5451323	-0.3	0.4	-3.0	27.48	10
432	97RDD-0479	624241	5452389	-0.3	0.4	-3.0	39.14	10
433	97RDD-0481	622708	5453506	-0.3	0.4	-3.0	28.83	10
434	97RDD-0482	621586	5453236	0.6	0.5	-3.0	38.73	10
435	97RDD-0483	619991	5453088	0.7	-0.3	3.5	56.24	10
436	97RDD-0484	619848	5453878	0.7	0.4	-3.0	18.19	10
437	97RDD-0485	619723	5455142	0.5	0.5	-3.0	54.60	10
438	97RDD-0486	620241	5455029	0.4	0.5	-3.0	37.87	10
439	97RDD-0487	621745	5454695	-0.3	0.5	-3.0	26.91	10
440	97RDD-0488	623281	5455251	0.6	0.4	-3.0	28.82	10
441	97RDD-0489	624563	5455729	-0.3	-0.3	-3.0	29.20	10
442	97RDD-0491	626048	5454942	0.5	0.5	-3.0	52.05	10
443	97RDD-0492	627630	5455007	-0.3	0.4	-3.0	65.28	10
444	97RDD-0493	628136	5455890	-0.3	0.4	-3.0	58.55	10
445	97RDD-0494	630143	5456436	0.3	0.5	-3.0	36.64	10
446	97RDD-0495	629456	5455060	0.5	0.7	-3.0	54.80	10
450	97RDD-0499	626104	5450093	-0.3	0.6	-3.0	35.83	10
451	97RDD-0501	627220	5450406	0.3	0.7	-3.0	36.32	10
452	97RDD-0502	627761	5451229	0.8	0.8	-3.0	52.83	10
453	97RDD-0503	626011	5449118	-0.3	0.4	-3.0	52.76	10
454	97RDD-0504	624307	5449041	1.4	0.7	-3.0	45.45	10
455	97RDD-0505	624995	5447117	-0.3	0.4	-3.0	32.78	10
456	97RDD-0506	624104	5446818	0.4	0.6	-3.0	32.81	10
457	97RDD-0507	625077	5445799	-0.3	0.5	-3.0	35.90	10
458	97RDD-0508	624183	5445629	0.5	0.4	-3.0	41.34	10
459	97RDD-0509	624099	5444832	-0.3	0.7	-3.0	40.55	10
460	97RDD-0511	624363	5444524	-0.3	0.7	-3.0	34.06	10
461	97RDD-0512	624555	5444247	1.1	0.9	-3.0	47.60	10
462	97RDD-0513	624873	5444611	-0.3	-0.3	-3.0	58.65	10
463	97RDD-0514	625623	5443834	-0.3	0.6	-3.0	31.15	10
464	97RDD-0515	625177	5443431	0.3	0.6	-3.0	52.64	10
465	97RDD-0516	624562	5443499	-0.3	0.6	-3.0	48.31	10
466	97RDD-0517	625383	5442263	-0.3	0.5	-3.0	46.44	10

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI	Sample Weight
		NAD 27 UTM Zone 15	method—————→ detection limit————→ units—————→	Fire Assay/ICP-MS			Grav.	
			0.3 ppb	0.3 ppb	3.0 ppb	0.01 %		
467	97RDD-0518	625479	5441289	-0.3	0.4	-3.0	39.86	10
468	97RDD-0519	626049	5440831	0.4	0.6	-3.0	40.17	10
469	97RDD-0521	624706	5440042	-0.3	0.3	-3.0	44.31	10
470	97RDD-0522	625196	5439079	-0.3	0.5	-3.0	55.29	10
471	97RDD-0523	624621	5437345	1.1	1.1	-3.0	26.22	10
472	97RDD-0524	624829	5434461	0.6	-0.3	-3.0	34.28	10
473	97RDD-0525	624869	5433909	-0.3	-0.3	-3.0	78.72	10
474	97RDD-0526	623593	5434431	1.4	0.6	5.0	42.38	10
475	97RDD-0527	622576	5434103	1.9	0.5	3.0	66.81	10
476	97RDD-0528	622264	5434846	0.4	0.6	-3.0	52.74	10
477	97RDD-0529	621834	5434269	1.1	0.4	3.1	42.49	10
478	97RDD-0531	621603	5433681	1.6	0.5	-3.0	49.44	10
479	97RDD-0532	621227	5433063	3.0	1.0	-3.0	56.18	10
480	97RDD-0533	620981	5432134	2.0	0.9	-3.0	59.73	10
481	97RDD-0534	622145	5432494	2.2	1.1	-3.0	57.12	10
482	97RDD-0535	622978	5432362	3.3	1.7	-3.0	42.00	10
483	97RDD-0536	623425	5431593	1.9	0.5	-3.0	66.01	10
484	97RDD-0537	623997	5430957	-0.3	-0.3	-3.0	65.29	10
485	97RDD-0538	624148	5430275	0.6	0.7	-3.0	45.19	10
486	97RDD-0539	624342	5427914	1.6	0.9	-3.0	32.07	10
488	97RDD-0542	623118	5426425	0.5	0.4	-3.0	38.04	10
489	97RDD-0543	623070	5424460	1.0	0.8	-3.0	34.96	10
491	97RDD-0545	622810	5415725	0.5	0.3	-3.0	40.17	10
492	97RDD-0546	621420	5413645	2.0	1.4	-3.0	16.24	10
496	97RDD-0551	621281	5405471	0.5	-0.3	-3.0	61.34	10
498	97RDD-0553	623427	5407676	0.7	-0.3	-3.0	57.29	10
499	97RDD-0554	624417	5409985	-0.3	-0.3	-3.0	38.27	10
500	97RDD-0555	623814	5413721	0.9	0.6	-3.0	48.12	10
501	97RDD-0556	623858	5417667	1.1	0.5	-3.0	76.56	10
503	97RDD-0558	624279	5423894	0.7	0.4	-3.0	47.30	10
504	97RDD-0559	623963	5426018	0.5	0.3	-3.0	52.66	10
505	97RDD-0561	624602	5426548	-0.3	-0.3	-3.0	43.92	10
506	97RDD-0562	624977	5428657	2.0	1.4	-3.0	32.96	10
507	97RDD-0563	624816	5430729	0.4	0.6	-3.0	64.16	10
508	97RDD-0564	624503	5432316	1.5	0.7	-3.0	48.49	10
509	97RDD-0565	625164	5433469	2.0	0.6	-3.0	53.61	10
510	97RDD-0566	625581	5434101	3.4	1.4	-3.0	31.58	10
511	97RDD-0567	625994	5436809	0.9	0.4	-3.0	23.30	10
513	97RDD-0569	626906	5441516	0.6	-0.3	-3.0	44.98	10
514	97RDD-0571	626523	5443277	1.5	0.6	-3.0	30.73	10
515	97RDD-0572	627020	5443598	0.4	-0.3	-3.0	26.69	10
516	97RDD-0573	627224	5444542	1.0	0.6	-3.0	43.78	10
517	97RDD-0574	627183	5445694	0.9	0.7	-3.0	41.71	10
518	97RDD-0575	626693	5446503	0.5	0.4	-3.0	53.63	10
520	97RDD-0577	626860	5447627	0.5	-0.3	-3.0	25.55	10
521	97RDD-0578	627506	5448644	0.3	-0.3	-3.0	37.50	10
522	97RDD-0579	627039	5448847	-0.3	-0.3	-3.0	25.30	10
523	97RDD-0581	628507	5449781	1.1	0.5	-3.0	12.55	10
524	97RDD-0582	629159	5449650	0.5	-0.3	-3.0	59.94	10
525	97RDD-0583	629840	5451585	-0.3	0.4	-3.0	33.40	10
526	97RDD-0584	630418	5452287	1.2	0.3	-3.0	31.16	10
527	97RDD-0585	631179	5452737	0.4	-0.3	-3.0	35.08	10
529	97RDD-0587	631459	5454729	-0.3	-0.3	-3.0	45.78	10
530	97RDD-0588	632724	5455613	-0.3	-0.3	-3.0	45.41	10

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI	Sample Weight
		NAD 27 UTM Zone 15	method————→	Fire Assay/ICP-MS			Grav. 0.01 %	
			detection limit————→	0.3	0.3	3.0		
				units————→	ppb	ppb		
531	97RDD-0589	633678	5456310	0.3	0.6	-3.0	37.56	10
533	97RDD-0592	636778	5456013	0.4	0.4	-3.0	36.96	10
534	97RDD-0593	637346	5456577	0.4	0.5	-3.0	39.03	10
535	97RDD-0594	638370	5456284	-0.3	-0.3	-3.0	12.01	10
538	97RDD-0597	639798	5451911	0.4	-0.3	-3.0	28.97	10
539	97RDD-0598	639445	5449611	0.6	0.5	-3.0	42.92	10
540	97RDD-0599	639262	5448922	0.5	0.3	-3.0	39.17	10
541	97RDD-0601	638279	5449278	0.9	1.3	-3.0	41.46	10
542	97RDD-0602	637398	5449845	1.3	1.3	-3.0	43.66	10
544	97RDD-0604	635900	5450359	2.1	1.0	-3.0	84.93	10
545	97RDD-0605	635522	5448582	0.8	0.8	-3.0	74.75	10
549	97RDD-0609	633160	5450616	0.6	0.9	-3.0	30.98	10
551	97RDD-0612	632377	5449125	1.5	1.4	-3.0	52.13	10
553	97RDD-0614	632389	5446780	2.4	1.5	-3.0	20.90	10
555	97RDD-0615	631189	5447361	1.1	1.3	-3.0	42.57	10
556	97RDD-0617	630703	5446707	1.3	0.8	-3.0	27.55	10
557	97RDD-0618	630253	5445804	1.4	1.0	-3.0	22.90	10
558	97RDD-0619	628420	5446497	0.7	1.1	-3.0	25.61	10
559	97RDD-0621	628076	5445658	0.8	1.2	-3.0	26.03	10
560	97RDD-0622	629107	5444996	1.2	0.7	-3.0	37.05	10
561	97RDD-0623	629913	5444046	1.2	1.2	-3.0	39.47	10
562	97RDD-0624	631055	5444378	1.3	0.9	-3.0	41.08	10
563	97RDD-0625	631979	5444932	1.1	1.0	-3.0	44.82	10
564	97RDD-0626	632069	5443996	0.5	0.8	-3.0	44.25	10
565	97RDD-0627	631095	5443510	0.5	0.7	-3.0	65.64	10
566	97RDD-0628	630841	5442963	1.2	1.1	-3.0	52.49	10
567	97RDD-0629	630655	5443598	1.1	1.1	-3.0	37.94	10
568	97RDD-0631	629973	5443447	0.4	0.7	-3.0	35.53	10
569	97RDD-0632	629295	5443786	0.8	1.1	-3.0	47.77	10
570	97RDD-0633	628726	5443401	1.3	1.2	4.4	34.80	10
571	97RDD-0634	628805	5442558	1.0	0.8	-3.0	44.30	10
572	97RDD-0635	628334	5442374	1.9	1.0	-3.0	34.95	10
573	97RDD-0636	628050	5442851	1.8	1.1	-3.0	50.80	10
575	97RDD-0638	627823	5441391	0.7	0.5	-3.0	46.12	10
576	97RDD-0639	629094	5441449	0.7	0.3	16.9	73.11	10
577	97RDD-0641	628966	5440272	1.2	0.7	-3.0	29.02	10
579	97RDD-0643	628404	5438727	0.9	0.6	-3.0	41.48	10
580	97RDD-0644	628111	5437815	1.0	0.9	-3.0	51.50	10
581	97RDD-0645	628205	5437246	1.2	1.2	-3.0	42.96	10
582	97RDD-0646	626978	5437150	2.6	1.8	3.2	21.94	10
583	97RDD-0647	627255	5436431	2.2	1.3	-3.0	38.25	10
584	97RDD-0648	627595	5436068	1.4	0.9	-3.0	37.60	10
585	97RDD-0649	627226	5435742	2.5	1.6	-3.0	28.63	10
586	97RDD-0651	626607	5435870	1.1	1.2	-3.0	37.53	10
587	97RDD-0652	627233	5435185	1.7	0.9	-3.0	38.55	10
588	97RDD-0653	626959	5434353	1.1	0.7	-3.0	20.31	7
589	97RDD-0654	626646	5433716	1.8	1.6	-3.0	73.33	10
590	97RDD-0655	625347	5432154	4.1	1.8	-3.0	53.68	10
591	97RDD-0656	625422	5430419	0.8	0.8	9.6	60.31	10
592	97RDD-0657	624708	5429963	1.9	1.3	-3.0	48.31	10
593	97RDD-0658	625578	5426492	1.1	0.7	-3.0	47.82	10
594	97RDD-0659	624689	5424905	1.4	0.9	-3.0	51.90	10
595	97RDD-0661	623987	5423076	2.0	1.3	-3.0	37.41	10
596	97RDD-0662	624014	5420558	2.5	1.7	-3.0	63.11	10

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI	Sample Weight
		NAD 27 UTM Zone 15	method—————>	Fire Assay/ICP-MS			Grav. 0.01 %	
			detection limit————>	0.3	0.3	3.0		
			units—————>	ppb	ppb	ppb		
598	97RDD-0664	625037	5411972	0.6	0.8	-3.0	67.91	10
599	97RDD-0665	624481	5409186	2.3	1.9	3.6	41.76	10
600	97RDD-0666	624384	5408414	1.6	1.3	-3.0	10.95	10
601	97RDD-0667	625697	5406014	2.7	1.3	3.3	67.09	10
602	97RDD-0668	626138	5401287	1.1	1.2	3.9	50.77	10
603	97RDD-0669	626582	5405861	2.4	1.0	-3.0	56.40	10
604	97RDD-0671	626181	5408793	2.4	1.6	-3.0	6.08	10
605	97RDD-0672	626557	5411226	0.7	1.2	-3.0	27.35	10
606	97RDD-0673	625299	5415263	1.7	0.8	-3.0	60.99	10
607	97RDD-0674	625563	5416052	2.5	1.2	3.4	49.46	10
609	97RDD-0676	624875	5420026	1.4	1.5	-3.0	17.86	10
610	97RDD-0677	624854	5422526	2.3	2.0	-3.0	28.35	10
611	97RDD-0678	624737	5423063	1.5	1.3	-3.0	48.18	10
612	97RDD-0679	626051	5425833	1.1	0.4	-3.0	43.16	10
613	97RDD-0681	625859	5428504	1.0	0.7	-3.0	37.89	10
614	97RDD-0682	627682	5431958	2.0	1.0	-3.0	39.32	10
615	97RDD-0683	627969	5432529	2.2	-0.3	-3.0	66.35	4
616	97RDD-0684	626810	5432209	2.7	1.2	-3.0	40.97	10
617	97RDD-0685	625959	5432134	3.8	1.2	-3.0	41.80	10
621	97RDD-0689	628125	5434132	-0.3	0.6	-3.0	57.26	7
622	97RDD-0691	628864	5434142	1.5	0.6	5.9	59.40	10
623	97RDD-0692	629050	5435062	1.2	0.8	-3.0	56.40	7
624	97RDD-0693	629340	5435361	1.9	1.2	-3.0	49.17	10
625	97RDD-0694	629314	5435939	1.4	0.9	-3.0	47.95	10
626	97RDD-0695	628557	5435768	2.1	1.4	-3.0	45.80	10
627	97RDD-0696	629482	5437394	0.8	0.3	-3.0	38.59	10
628	97RDD-0697	630250	5437796	1.1	0.5	-3.0	43.15	10
629	97RDD-0698	630799	5438136	1.8	0.7	-3.0	46.54	10
630	97RDD-0699	630731	5439386	0.8	-0.3	-3.0	50.47	10
631	97RDD-0701	630242	5440630	0.9	0.4	-3.0	32.72	10
632	97RDD-0702	630063	5441825	1.4	0.4	-3.0	34.87	10
633	97RDD-0703	631178	5442660	0.7	0.4	-3.0	59.64	10
635	97RDD-0705	633321	5442636	3.1	1.6	-3.0	82.18	10
636	97RDD-0706	632882	5443547	1.1	0.8	-3.0	23.79	10
637	97RDD-0707	634435	5443734	1.8	0.8	-3.0	55.80	10
638	97RDD-0708	633745	5444452	1.5	0.9	-3.0	35.26	10
639	97RDD-0709	633727	5446501	4.3	2.2	-3.0	27.70	10
640	97RDD-0711	635377	5447727	3.2	1.4	-3.0	26.11	10
641	97RDD-0712	637867	5446084	0.9	0.8	-3.0	28.71	10
642	97RDD-0713	637360	5444528	1.0	0.7	-3.0	32.26	10
643	97RDD-0714	638129	5444022	1.2	0.9	-3.0	38.38	10
644	97RDD-0715	638940	5445331	1.0	0.8	-3.0	34.47	10
645	97RDD-0716	639738	5445249	1.4	1.1	-3.0	24.69	10
646	97RDD-0717	639376	5445972	1.2	0.7	-3.0	64.90	10
647	97RDD-0718	639345	5446519	1.1	0.7	-3.0	46.90	10
648	97RDD-0719	640028	5446914	1.0	2.6	-3.0	40.61	10
649	97RDD-0721	640461	5448045	0.9	0.6	-3.0	37.29	10
650	97RDD-0722	640865	5448883	0.9	0.5	-3.0	38.53	10
651	97RDD-0723	641862	5448532	1.0	0.4	-3.0	36.02	10
652	97RDD-0724	643541	5447618	0.5	0.7	10.0	29.73	10
654	97RDD-0726	644907	5447589	1.0	1.1	-3.0	35.32	10
655	97RDD-0727	644419	5446561	2.0	0.9	-3.0	39.19	10
656	97RDD-0728	645375	5446135	0.8	0.4	-3.0	69.96	10
657	97RDD-0729	645784	5444813	1.1	0.8	-3.0	36.83	10

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI	Sample Weight
		NAD 27 UTM Zone 15	method————→	Fire Assay/ICP-MS			Grav. 0.01 %	
			detection limit————→	0.3	0.3	3.0		
				units————→	ppb	ppb		
658	97RDD-0731	645730	5442518	0.9	1.0	-3.0	26.44	10
659	97RDD-0732	644940	5442960	1.0	0.9	-3.0	31.16	10
660	97RDD-0733	643481	5443073	1.2	1.0	-3.0	30.24	10
661	97RDD-0734	642686	5443483	0.6	0.7	-3.0	20.73	10
662	97RDD-0735	643928	5445272	-0.3	0.7	-3.0	65.56	10
664	97RDD-0737	642640	5445416	-0.3	0.8	-3.0	29.36	10
665	97RDD-0738	642614	5446334	-0.3	0.7	-3.0	41.07	10
666	97RDD-0739	641964	5446344	0.6	0.6	20.4	57.59	10
667	97RDD-0741	640720	5446175	0.7	0.9	-3.0	46.00	10
668	97RDD-0742	640824	5444673	0.6	0.9	-3.0	30.52	10
669	97RDD-0743	640124	5444250	0.7	1.0	-3.0	39.93	10
670	97RDD-0744	639250	5444095	0.7	0.8	-3.0	43.17	10
671	97RDD-0745	638366	5443145	0.5	0.6	-3.0	41.02	10
672	97RDD-0746	637524	5443112	1.1	0.7	-3.0	16.85	10
673	97RDD-0747	636881	5442225	0.8	0.8	-3.0	51.10	10
674	97RDD-0748	636684	5443642	0.4	0.6	-3.0	38.87	10
675	97RDD-0749	635399	5442753	0.6	0.8	-3.0	57.56	10
677	97RDD-0752	633305	5440625	0.7	0.7	-3.0	35.77	8
678	97RDD-0753	631983	5439463	1.6	0.9	-3.0	28.34	10
679	97RDD-0754	631504	5438816	0.5	0.6	-3.0	37.41	10
680	97RDD-0755	631642	5437418	2.7	1.3	-3.0	54.62	10
681	97RDD-0756	631311	5437011	3.9	1.9	4.5	52.92	10
682	97RDD-0757	631184	5436584	2.7	1.7	-3.0	50.74	10
683	97RDD-0758	631260	5435942	1.5	0.8	-3.0	8.07	10
684	97RDD-0759	630150	5436188	6.9	3.5	-3.0	33.19	10
685	97RDD-0761	630083	5435180	3.2	-0.3	-3.0	47.71	4
686	97RDD-0762	629830	5434281	2.3	1.0	-3.0	43.89	10
687	97RDD-0763	629323	5433134	0.8	-0.3	-3.0	73.86	6
688	97RDD-0764	628408	5431815	1.5	0.4	-3.0	45.79	10
689	97RDD-0765	628355	5430980	1.3	0.7	-3.0	39.93	10
690	97RDD-0766	627017	5428640	0.9	0.9	-3.0	35.24	10
691	97RDD-0767	626742	5428248	1.3	1.6	-3.0	43.06	10
692	97RDD-0768	626408	5426612	0.5	0.7	-3.0	39.20	10
693	97RDD-0769	625416	5424919	1.3	0.9	-3.0	44.95	10
694	97RDD-0771	625582	5424204	1.1	1.0	-3.0	34.03	10
695	97RDD-0772	625964	5421641	1.2	1.4	-3.0	6.56	10
696	97RDD-0773	625962	5417622	1.1	0.6	-3.0	66.30	10
697	97RDD-0774	625747	5416964	1.0	0.6	-3.0	57.45	10
698	97RDD-0775	626255	5409779	1.4	1.0	-3.0	33.74	10
699	97RDD-0776	625670	5407166	1.2	0.4	-3.0	59.05	10
700	97RDD-0777	625534	5400854	2.4	1.5	-3.0	21.38	10
701	97RDD-0778	627121	5404109	1.3	1.1	-3.0	16.80	10
702	97RDD-0779	625545	5406416	1.4	0.7	-3.0	59.00	10
704	97RDD-0782	626126	5408516	0.7	1.0	-3.0	8.18	10
705	97RDD-0783	627555	5412301	1.6	1.3	-3.0	29.19	10
706	97RDD-0784	627187	5414943	2.0	1.6	-3.0	24.63	10
707	97RDD-0785	627347	5417140	1.3	1.1	-3.0	32.76	10
710	97RDD-0788	626984	5425459	1.2	0.7	-3.0	34.70	10
711	97RDD-0789	628431	5426539	1.9	1.2	-3.0	33.93	10
712	97RDD-0791	627906	5429449	1.0	0.6	-3.0	45.68	10
713	97RDD-0792	628207	5429934	1.5	0.9	-3.0	39.63	10
714	97RDD-0793	629042	5431152	1.9	0.9	-3.0	21.87	10
715	97RDD-0794	629424	5431089	1.0	0.6	-3.0	46.89	10
716	97RDD-0795	629197	5431828	2.5	1.2	-3.0	38.96	10

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI	Sample Weight
		NAD 27 UTM Zone 15	method————→	Fire Assay/ICP-MS			Grav. 0.01 %	
			detection limit————→	0.3	0.3	3.0		
				units————→	ppb	ppb		
717	97RDD-0796	630500	5432047	2.9	1.4	-3.0	45.30	10
718	97RDD-0797	631393	5432087	2.6	1.1	-3.0	42.64	10
719	97RDD-0798	631880	5432513	2.8	1.2	-3.0	47.20	10
720	97RDD-0799	631019	5433415	1.9	0.4	-3.0	56.06	10
721	97RDD-0801	630350	5433456	1.4	0.3	-3.0	61.21	10
722	97RDD-0802	630801	5435221	2.9	1.5	-3.0	44.81	10
723	97RDD-0803	631290	5434919	2.8	1.3	-3.0	42.41	10
724	97RDD-0804	631509	5434253	1.9	1.0	-3.0	38.92	10
725	97RDD-0805	632233	5433748	3.0	1.4	-3.0	35.06	10
726	97RDD-0806	632376	5434752	2.0	0.7	-3.0	56.09	10
727	97RDD-0807	632446	5435789	2.6	0.8	-3.0	44.43	10
728	97RDD-0808	632910	5435561	1.8	1.2	-3.0	38.35	10
729	97RDD-0809	633483	5435778	0.7	0.4	-3.0	5.61	10
730	97RDD-0811	632253	5436858	1.1	0.9	-3.0	45.58	9
731	97RDD-0812	632198	5437615	2.3	1.6	-3.0	42.04	10
732	97RDD-0813	632845	5437415	1.9	1.2	-3.0	36.93	10
733	97RDD-0814	634325	5436313	1.4	0.5	-3.0	63.04	10
734	97RDD-0815	634495	5435541	2.7	1.0	-3.0	39.65	10
735	97RDD-0816	635520	5435828	1.9	0.9	-3.0	41.84	10
736	97RDD-0817	635263	5436532	2.2	1.0	-3.0	43.53	10
737	97RDD-0818	634851	5436986	1.3	0.7	-3.0	32.39	10
738	97RDD-0819	635331	5437306	1.6	0.8	-3.0	53.06	10
739	97RDD-0821	636172	5437093	2.5	1.1	-3.0	45.80	10
740	97RDD-0822	636689	5437481	1.5	0.7	-3.0	44.18	10
741	97RDD-0823	636666	5436910	2.4	0.9	-3.0	43.81	10
742	97RDD-0824	637487	5436788	2.9	1.4	-3.0	47.66	10
743	97RDD-0825	637936	5437443	1.7	0.8	-3.0	59.49	10
744	97RDD-0826	637681	5438403	1.2	0.6	-3.0	41.17	10
745	97RDD-0827	637025	5439172	2.6	1.3	-3.0	32.00	10
746	97RDD-0828	636392	5440580	2.1	1.1	-3.0	47.11	10
747	97RDD-0829	638293	5439630	2.1	1.2	-3.0	36.05	10
748	97RDD-0831	639833	5438309	2.0	1.3	-3.0	33.84	10
749	97RDD-0832	640509	5438998	2.0	1.0	-3.0	30.36	10
750	97RDD-0833	640946	5439760	1.8	0.9	-3.0	42.78	10
751	97RDD-0834	639971	5439754	1.4	1.7	-3.0	9.62	10
752	97RDD-0835	640334	5440564	1.3	0.7	-3.0	33.28	10
753	97RDD-0836	640002	5441382	1.9	1.1	-3.0	34.06	10
754	97RDD-0837	639550	5441510	0.9	1.1	-3.0	43.48	10
755	97RDD-0838	638884	5441870	1.4	1.2	-3.0	49.52	10
756	97RDD-0839	638835	5442401	1.1	0.9	-3.0	40.94	10
757	97RDD-0841	639852	5442340	0.7	0.6	-3.0	51.03	10
758	97RDD-0842	639407	5442948	1.0	0.7	-3.0	39.15	10
759	97RDD-0843	640099	5442917	1.0	0.8	-3.0	43.94	10
760	97RDD-0844	641047	5442495	0.8	0.6	-3.0	48.47	10
761	97RDD-0845	640740	5443227	0.7	0.7	-3.0	21.24	10
762	97RDD-0846	641629	5443039	0.6	0.6	-3.0	47.48	10
763	97RDD-0847	642789	5440711	1.5	0.9	-3.0	45.43	10
764	97RDD-0848	642732	5439991	2.2	1.2	-3.0	46.91	10
765	97RDD-0849	643887	5440414	1.6	0.8	-3.0	43.64	10
766	97RDD-0851	645116	5439823	0.7	0.6	-3.0	45.15	10
767	97RDD-0852	644224	5439254	0.6	0.5	-3.0	49.84	10
768	97RDD-0853	643595	5438403	1.0	0.9	-3.0	30.34	10
769	97RDD-0854	644694	5438183	1.1	0.9	-3.0	39.03	10
770	97RDD-0855	643636	5436900	1.5	0.8	-3.0	58.59	10

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI	Sample Weight
		NAD 27 UTM Zone 15	method————→ detection limit————→ units————→	Fire Assay/ICP-MS			Grav.	
				0.3	0.3	3.0	0.01	
				ppb	ppb	ppb	%	
771	97RDD-0856	642874	5435692	3.3	1.7	-3.0	16.16	10
772	97RDD-0857	642297	5434385	1.9	0.9	-3.0	23.74	10
773	97RDD-0858	642151	5437113	1.6	0.9	-3.0	38.58	10
774	97RDD-0859	641370	5437321	1.6	1.0	-3.0	72.19	5
775	97RDD-0861	640514	5437649	4.2	1.3	-3.0	51.16	10
776	97RDD-0862	638849	5436291	2.0	0.8	-3.0	35.25	10
777	97RDD-0863	637683	5435816	1.3	0.8	-3.0	27.33	10
778	97RDD-0864	638584	5435462	0.6	0.6	-3.0	26.22	10
780	97RDD-0866	640403	5434185	2.2	1.7	4.9	9.76	10
781	97RDD-0867	638886	5433709	2.0	0.6	-3.0	38.59	10
782	97RDD-0868	638365	5434203	0.7	-0.3	-3.0	58.20	10
783	97RDD-0869	636850	5434561	0.6	0.5	-3.0	51.62	10
784	97RDD-0871	635598	5434373	0.9	0.5	-3.0	60.56	10
785	97RDD-0872	634971	5434378	0.9	-0.3	-3.0	53.52	10
786	97RDD-0873	634081	5434158	1.9	-0.3	-3.0	58.55	10
787	97RDD-0874	633791	5434919	0.9	0.6	-3.0	38.20	10
788	97RDD-0875	633215	5434351	0.9	0.5	-3.0	38.85	10
789	97RDD-0876	633432	5433827	5.3	1.7	-3.0	59.17	10
790	97RDD-0877	633497	5432249	2.7	0.6	-3.0	42.81	10
791	97RDD-0878	632546	5431107	-0.3	0.8	-3.0	45.31	10
792	97RDD-0879	631833	5430349	1.3	0.5	-3.0	41.05	10
793	97RDD-0881	631729	5429901	0.9	-0.3	-3.0	39.58	10
794	97RDD-0882	630021	5429136	0.5	0.5	-3.0	43.53	10
795	97RDD-0883	628926	5428172	1.1	0.7	-3.0	42.27	10
796	97RDD-0884	628012	5426035	1.7	1.0	-3.0	35.80	10
797	97RDD-0885	627889	5425025	1.1	0.7	-3.0	38.67	10
798	97RDD-0886	628075	5422211	0.7	0.9	-3.0	25.37	10
799	97RDD-0887	626926	5417903	-0.3	-0.3	-3.0	65.17	10
800	97RDD-0888	626601	5416072	0.6	0.7	-3.0	49.50	10
801	97RDD-0889	627496	5414388	1.7	1.0	-3.0	31.46	10
802	97RDD-0891	627542	5410266	0.4	0.8	-3.0	10.45	10
803	97RDD-0892	626769	5409442	0.6	0.7	-3.0	8.87	10
804	97RDD-0893	627158	5407441	-0.3	0.5	-3.0	57.28	10
805	97RDD-0894	627222	5405664	1.3	0.8	-3.0	49.69	10
806	97RDD-0895	626955	5402382	0.4	0.6	-3.0	49.27	10
807	97RDD-0896	627579	5403832	1.4	0.9	-3.0	35.19	10
808	97RDD-0897	627542	5405425	1.7	0.7	-3.0	62.79	10
809	97RDD-0898	627065	5406640	1.1	0.8	-3.0	57.12	10
810	97RDD-0899	627019	5408744	1.3	1.0	-3.0	51.03	10
811	97RDD-0901	627453	5409219	1.3	1.3	-3.0	27.39	10
812	97RDD-0902	628576	5412580	0.3	0.8	-3.0	29.66	10
813	97RDD-0903	627224	5415671	0.4	0.7	-3.0	41.62	10
814	97RDD-0904	628346	5417597	0.6	0.8	-3.0	22.00	10
815	97RDD-0905	628723	5420284	0.6	0.8	-3.0	19.83	10
816	97RDD-0906	629131	5422578	1.1	0.7	-3.0	28.30	10
817	97RDD-0907	629898	5423342	0.9	0.7	-3.0	29.07	10
818	97RDD-0908	628996	5424074	0.7	0.6	-3.0	42.73	10
819	97RDD-0909	630087	5425802	0.7	0.8	-3.0	47.50	10
820	97RDD-0911	630901	5426450	0.6	0.8	-3.0	52.94	10
821	97RDD-0912	631574	5427297	1.3	0.9	-3.0	41.63	10
822	97RDD-0913	630081	5427190	0.9	0.9	-3.0	43.62	10
823	97RDD-0914	629677	5427925	1.2	1.1	-3.0	39.74	10
824	97RDD-0915	630587	5427896	1.3	0.8	-3.0	45.09	10
825	97RDD-0916	631308	5428857	1.8	1.0	-3.0	39.82	10

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI	Sample Weight
		NAD 27	method————>	Fire Assay/ICP-MS			Grav.	
		UTM Zone 15	detection limit————>	0.3	0.3	3.0	0.01	
			units————>	ppb	ppb	ppb	%	
826	97RDD-0917	632164	5428618	1.1	0.8	-3.0	41.71	10
827	97RDD-0918	632411	5429497	0.4	0.5	-3.0	35.17	10
828	97RDD-0919	633582	5429629	1.0	0.9	-3.0	39.85	10
829	97RDD-0921	633211	5430341	1.4	0.8	-3.0	51.39	10
830	97RDD-0922	634769	5430920	1.1	1.0	-3.0	36.38	10
831	97RDD-0923	634080	5431583	1.3	0.6	-3.0	62.81	9
832	97RDD-0924	634122	5432348	6.5	1.1	-3.0	51.45	10
833	97RDD-0925	634154	5432800	10.9	2.6	-3.0	45.61	10
834	97RDD-0926	634298	5433570	8.2	2.0	-3.0	52.93	10
835	97RDD-0927	636037	5432897	9.6	2.2	-3.0	44.85	10
836	97RDD-0928	636780	5433809	1.5	0.8	-3.0	67.90	10
837	97RDD-0929	638701	5432538	5.0	2.7	-3.0	26.15	10
838	97RDD-0931	639384	5432382	2.6	1.1	-3.0	38.46	10
839	97RDD-0932	641655	5432410	2.4	2.1	-3.0	17.91	10
840	97RDD-0933	643494	5433118	1.8	1.5	-3.0	17.74	10
841	97RDD-0934	645251	5433378	1.8	1.6	-3.0	9.45	10
842	97RDD-0935	646145	5429993	1.6	1.1	-3.0	27.57	10
843	97RDD-0936	644896	5429863	1.2	1.3	-3.0	30.33	10
844	97RDD-0937	642738	5430598	1.2	0.9	-3.0	25.75	10
845	97RDD-0938	641998	5430588	0.6	-0.3	-3.0	57.05	10
846	97RDD-0939	640420	5430063	2.5	1.5	-3.0	29.63	10
847	97RDD-0941	639825	5430308	2.3	1.5	-3.0	20.73	10
848	97RDD-0942	639630	5431815	1.6	0.8	-3.0	60.60	10
849	97RDD-0943	636603	5432262	2.5	1.3	-3.0	34.01	10
850	97RDD-0944	635568	5431914	3.0	1.2	-3.0	47.66	10
851	97RDD-0945	635621	5431383	1.2	0.4	-3.0	55.88	10
852	97RDD-0946	635998	5430670	1.1	0.9	-3.0	32.89	10
853	97RDD-0947	635424	5429824	4.2	2.2	3.6	44.09	10
854	97RDD-0948	634740	5429497	-0.3	0.8	-3.0	35.89	10
855	97RDD-0949	634585	5428824	0.7	0.8	-3.0	38.24	10
856	97RDD-0951	633492	5428268	0.8	0.7	-3.0	46.03	10
857	97RDD-0952	632769	5427733	1.2	0.9	-3.0	48.11	10
858	97RDD-0953	632449	5427296	0.9	0.7	-3.0	44.80	10
859	97RDD-0954	634092	5427033	-0.3	0.3	-3.0	48.50	10
860	97RDD-0955	633523	5427204	0.7	0.7	-3.0	54.97	10
861	97RDD-0956	635396	5426507	0.4	0.6	-3.0	35.45	10
862	97RDD-0957	636782	5426820	0.9	0.7	-3.0	48.56	10
863	97RDD-0958	636387	5427420	0.6	0.6	-3.0	31.92	10
864	97RDD-0959	637075	5428495	0.8	0.9	-3.0	33.58	10
865	97RDD-0961	639392	5428002	0.3	0.6	-3.0	43.77	10
866	97RDD-0962	639983	5427355	0.7	0.7	-3.0	51.64	10
867	97RDD-0963	640466	5426914	1.9	1.1	-3.0	18.53	10
868	97RDD-0964	642138	5428150	0.7	0.9	-3.0	12.97	10
869	97RDD-0965	643569	5427717	-0.3	0.9	-3.0	37.03	10
870	97RDD-0966	644864	5428398	-0.3	0.7	-3.0	32.64	10
871	97RDD-0967	646209	5426902	0.8	0.6	-3.0	36.80	10
872	97RDD-0968	645307	5425631	-0.3	0.5	-3.0	29.30	10
873	97RDD-0969	643999	5426663	-0.3	0.6	-3.0	20.86	10
874	97RDD-0971	643378	5426585	0.4	0.4	-3.0	38.41	10
875	97RDD-0972	641996	5426087	0.6	0.9	-3.0	40.26	10
876	97RDD-0973	641649	5424975	0.6	0.7	-3.0	45.64	10
877	97RDD-0974	640619	5423944	0.6	0.7	-3.0	53.57	10
878	97RDD-0975	640000	5424124	0.7	0.9	-3.0	48.41	10
879	97RDD-0976	640240	5425540	1.1	1.1	-3.0	35.28	10

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI	Sample Weight
		NAD 27 UTM Zone 15	method—————→ detection limit————→ units—————→	Fire Assay/ICP-MS			Grav. 0.01 %	
				0.3	0.3	3.0		
				ppb	ppb	ppb		
880	97RDD-0977	637944	5425512	0.5	0.9	-3.0	27.31	10
881	97RDD-0978	636677	5424238	0.7	0.8	-3.0	37.70	10
882	97RDD-0979	635839	5423375	1.0	0.9	-3.0	39.30	10
883	97RDD-0981	635195	5423603	0.5	0.6	-3.0	33.13	10
884	97RDD-0982	635258	5425267	0.3	0.6	-3.0	40.02	10
885	97RDD-0983	633276	5424600	0.4	0.7	-3.0	43.82	10
886	97RDD-0984	631499	5425000	1.9	1.9	-3.0	15.71	10
887	97RDD-0985	630957	5424013	1.4	1.2	-3.0	23.88	10
889	97RDD-0987	629902	5420842	1.5	1.2	-3.0	18.45	10
891	97RDD-0989	631194	5419126	1.7	1.4	-3.0	26.26	10
892	97RDD-0991	630509	5418235	0.8	0.8	-3.0	25.36	10
893	97RDD-0992	629615	5417780	0.7	1.1	-3.0	25.61	10
894	97RDD-0993	629460	5418406	0.6	1.1	-3.0	22.91	10
895	97RDD-0994	628883	5417028	0.9	1.2	-3.0	20.92	10
896	97RDD-0995	628101	5415629	2.3	2.0	-3.0	17.96	10
897	97RDD-0996	629141	5414634	-0.3	0.8	-3.0	52.01	10
898	97RDD-0997	629935	5412209	2.2	2.0	-3.0	34.25	10
899	97RDD-0998	629017	5409816	0.9	1.0	-3.0	18.09	10
900	97RDD-0999	628564	5408758	1.5	1.8	-3.0	36.39	10
901	97RDD-1001	628583	5407314	1.9	0.9	-3.0	38.31	10
902	97RDD-1002	627977	5406816	0.6	0.6	-3.0	43.00	10
903	97RDD-1003	628128	5406164	0.4	-0.3	-3.0	54.36	10
904	97RDD-1004	627844	5405780	1.2	0.5	-3.0	66.69	10
905	97RDD-1005	628341	5405414	1.0	0.5	-3.0	67.45	10
906	97RDD-1006	628075	5405030	1.1	-0.3	-3.0	67.84	9
907	97RDD-1007	628041	5404763	0.9	-0.3	-3.0	72.28	6
908	97RDD-1008	628142	5403251	-0.3	0.5	6.2	49.11	10
909	97RDD-1009	629149	5405657	1.7	-0.3	-3.0	54.59	5
910	97RDD-1011	630651	5407352	2.1	1.6	-3.0	34.93	10
911	97RDD-1012	632904	5410317	1.1	0.8	-3.0	42.10	10
912	97RDD-1013	634832	5412954	1.1	0.7	-3.0	37.80	10
913	97RDD-1014	636476	5414860	0.5	0.7	-3.0	40.17	10
914	97RDD-1015	639165	5417551	1.1	0.8	-3.0	48.59	10
915	97RDD-1016	641064	5419355	1.7	1.1	-3.0	5.57	10
916	97RDD-1017	642485	5420154	2.0	1.2	-3.0	59.48	10
917	97RDD-1018	644896	5421320	1.4	0.5	-3.0	53.31	10
918	97RDD-1019	646211	5423869	0.8	0.8	-3.0	39.74	10
919	97RDD-1021	647007	5424493	1.4	1.1	-3.0	37.80	10
920	97RDD-1022	646665	5425254	1.2	0.8	-3.0	45.63	10
921	97RDD-1023	647672	5425596	1.0	0.6	-3.0	45.77	8
923	97RDD-1025	647202	5426966	1.3	0.7	-3.0	51.23	10
924	97RDD-1026	646682	5426832	2.1	1.2	4.7	42.31	10
925	97RDD-1027	646908	5428282	0.9	0.8	-3.0	36.57	10
926	97RDD-1028	647715	5428070	0.9	0.9	-3.0	37.64	10
927	97RDD-1029	648445	5429031	0.6	0.6	-3.0	41.42	10
928	97RDD-1031	650231	5428627	1.1	0.9	-3.0	30.54	10
929	97RDD-1032	649661	5427617	2.8	1.3	-3.0	33.09	10
930	97RDD-1033	649365	5426809	1.0	0.7	-3.0	33.12	10
931	97RDD-1034	649756	5426377	1.1	1.1	-3.0	37.65	10
932	97RDD-1035	649167	5425551	1.7	1.4	-3.0	48.13	10
933	97RDD-1036	650137	5425764	0.4	0.6	-3.0	37.22	10
934	97RDD-1037	650157	5426808	0.5	0.5	-3.0	59.31	10
935	97RDD-1038	651514	5426887	1.6	1.1	-3.0	29.10	10
936	97RDD-1039	651535	5428164	1.5	1.3	11.7	31.06	10

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI Grav. 0.01 %	Sample Weight g
		NAD 27 UTM Zone 15	method—————>	Fire Assay/ICP-MS				
			detection limit————>	0.3	0.3	3.0		
			units—————>	ppb	ppb	ppb		
938	97RDD-1042	653439	5429136	1.8	1.3	-3.0	22.81	10
939	97RDD-1043	652880	5428545	0.3	0.7	5.4	56.67	10
941	97RDD-1045	653014	5426557	0.6	0.7	-3.0	44.61	10
942	97RDD-1046	652821	5425876	0.7	0.9	-3.0	32.88	10
943	97RDD-1047	654251	5425840	0.6	0.9	-3.0	25.89	10
944	97RDD-1048	654534	5426531	0.4	0.5	-3.0	35.58	10
945	97RDD-1049	655163	5426792	-0.3	0.6	-3.0	51.05	10
946	97RDD-1051	654005	5427329	0.3	0.6	-3.0	59.94	10
947	97RDD-1052	655191	5428254	-0.3	0.5	-3.0	49.30	10
948	97RDD-1053	655776	5427862	0.7	0.8	-3.0	48.77	10
949	97RDD-1054	656307	5428227	0.4	0.7	-3.0	46.21	10
950	97RDD-1055	657231	5428095	7.2	3.6	3.9	52.40	10
951	97RDD-1056	656656	5427053	0.5	0.8	-3.0	29.26	10
952	97RDD-1057	658039	5427035	-0.3	0.5	-3.0	54.07	10
953	97RDD-1058	659807	5426628	3.2	1.2	-3.0	39.78	10
954	97RDD-1059	659262	5426994	1.0	0.9	-3.0	47.47	10
955	97RDD-1061	659430	5428476	2.5	1.6	-3.0	47.48	10
957	97RDD-1063	660553	5426999	2.8	1.7	-3.0	40.98	10
958	97RDD-1064	661380	5427336	1.2	0.9	-3.0	31.99	10
959	97RDD-1065	663020	5428853	5.9	2.0	-3.0	32.89	10
961	97RDD-1067	665289	5426637	1.4	0.5	-3.0	39.50	10
962	97RDD-1068	664369	5426864	1.0	1.0	-3.0	46.19	10
963	97RDD-1069	663777	5426092	1.0	1.0	-3.0	26.88	10
964	97RDD-1071	662449	5426157	1.4	1.1	-3.0	29.67	10
965	97RDD-1072	661192	5425516	0.6	0.4	-3.0	42.12	10
966	97RDD-1073	662535	5424322	1.6	1.6	-3.0	17.94	10
967	97RDD-1074	663787	5424234	1.4	1.3	-3.0	28.44	10
968	97RDD-1075	665122	5423787	1.4	0.4	-3.0	40.89	10
969	97RDD-1076	665598	5423841	2.2	1.2	-3.0	50.92	6
970	97RDD-1077	665805	5423127	1.9	0.9	-3.0	43.94	10
971	97RDD-1078	664354	5422429	2.4	2.8	-3.0	35.52	10
972	97RDD-1079	663775	5421513	0.7	0.5	-3.0	54.15	10
973	97RDD-1081	663443	5422280	1.9	0.6	-3.0	41.43	10
974	97RDD-1082	662112	5421904	2.5	1.4	-3.0	28.35	10
975	97RDD-1083	662312	5422693	1.4	0.7	-3.0	37.23	10
976	97RDD-1084	661446	5422772	1.8	2.4	-3.0	17.07	10
977	97RDD-1085	661319	5423411	0.6	0.7	-3.0	50.03	10
978	97RDD-1086	659850	5424358	1.1	1.1	-3.0	19.90	10
979	97RDD-1087	660173	5424834	1.1	0.4	-3.0	33.36	10
980	97RDD-1088	659237	5425400	1.9	1.0	-3.0	52.73	10
981	97RDD-1089	658347	5426039	1.4	0.7	-3.0	41.86	10
982	97RDD-1091	656624	5425847	1.6	1.0	-3.0	29.11	10
985	97RDD-1094	654968	5424135	1.7	1.1	-3.0	34.93	10
986	97RDD-1095	654220	5423396	1.9	1.4	-3.0	31.22	10
987	97RDD-1096	652690	5423282	-0.3	0.5	-3.0	38.31	10
988	97RDD-1097	652370	5424057	0.4	0.4	-3.0	24.95	10
989	97RDD-1098	650532	5424481	0.4	0.5	-3.0	36.93	10
990	97RDD-1099	649301	5423587	0.5	0.6	-3.0	22.08	10
991	97RDD-1101	647751	5422945	0.5	0.4	-3.0	41.81	10
992	97RDD-1102	645561	5422330	0.5	0.7	-3.0	62.54	10
994	97RDD-1104	643000	5422351	-0.3	0.4	-3.0	31.97	10
995	97RDD-1105	641125	5421528	-0.3	0.4	-3.0	36.00	10
996	97RDD-1106	640136	5420569	-0.3	0.6	-3.0	21.44	10
997	97RDD-1107	639341	5419924	0.7	0.4	-3.0	44.75	10

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI Grav. 0.01 %	Sample Weight g
		NAD 27	method————→	Fire Assay/ICP-MS				
		UTM Zone 15	detection limit————→	0.3	0.3	3.0		
			units————→	ppb	ppb	ppb		
998	97RDD-1108	638784	5418236	-0.3	-0.3	-3.0	32.61	10
999	97RDD-1109	637772	5417525	1.0	0.6	-3.0	39.03	10
1000	97RDD-1111	635710	5415906	0.7	0.7	-3.0	23.87	10
1001	97RDD-1112	634130	5413902	1.3	0.9	3.1	43.61	10
1002	97RDD-1113	631346	5411456	1.0	1.1	-3.0	19.03	10
1003	97RDD-1114	629678	5407513	1.9	1.2	-3.0	33.31	10
1004	97RDD-1115	629180	5404687	2.2	1.1	-3.0	34.77	10
1005	97RDD-1116	629726	5406289	0.5	-0.3	-3.0	70.38	7
1006	97RDD-1117	631516	5407929	4.5	1.9	-3.0	22.67	10
1007	97RDD-1118	633355	5410944	0.5	0.5	-3.0	45.34	10
1008	97RDD-1119	635817	5412588	0.4	0.6	-3.0	57.01	10
1009	97RDD-1121	636578	5413841	0.8	0.8	-3.0	47.58	10
1010	97RDD-1122	637201	5414221	1.1	0.7	-3.0	47.76	10
1011	97RDD-1123	638408	5416151	-0.3	-0.3	-3.0	46.00	10
1012	97RDD-1124	639734	5418538	0.3	0.7	-3.0	46.85	10
1013	97RDD-1125	641897	5419281	-0.3	0.5	-3.0	54.52	10
1014	97RDD-1126	643845	5420754	-0.3	0.5	-3.0	28.45	10
1015	97RDD-1127	645555	5420815	0.3	0.6	-3.0	46.43	10
1016	97RDD-1128	646119	5421156	-0.3	0.4	-3.0	40.55	10
1017	97RDD-1129	647398	5421649	-0.3	0.4	-3.0	30.38	10
1018	97RDD-1131	648043	5421457	-0.3	0.7	-3.0	47.91	10
1019	97RDD-1132	648272	5420460	0.3	0.4	-3.0	53.57	10
1020	97RDD-1133	649039	5421646	0.4	-0.3	-3.0	52.10	10
1021	97RDD-1134	649341	5422144	0.3	0.4	-3.0	39.15	10
1022	97RDD-1135	649284	5422728	-0.3	0.6	-3.0	39.04	10
1023	97RDD-1136	650377	5423261	0.6	0.4	-3.0	51.57	10
1024	97RDD-1137	650891	5423384	0.8	0.6	-3.0	38.68	10
1025	97RDD-1138	651229	5422879	0.6	0.7	-3.0	29.30	10
1026	97RDD-1139	650601	5421811	1.1	0.8	-3.0	35.36	10
1027	97RDD-1141	649921	5422056	-0.3	-0.3	-3.0	32.63	10
1028	97RDD-1142	650269	5421166	-0.3	0.7	-3.0	37.33	10
1029	97RDD-1143	649962	5420726	-0.3	-0.3	-3.0	42.21	10
1030	97RDD-1144	649634	5420303	0.7	0.6	-3.0	44.79	10
1031	97RDD-1145	650164	5419859	-0.3	0.4	-3.0	35.95	10
1032	97RDD-1146	650599	5419206	0.5	0.6	-3.0	54.00	10
1033	97RDD-1147	651088	5419759	-0.3	0.4	-3.0	60.98	10
1034	97RDD-1148	651061	5420171	0.4	0.5	-3.0	50.89	10
1035	97RDD-1149	652924	5421899	-0.3	0.3	-3.0	40.64	10
1036	97RDD-1151	653060	5421172	-0.3	-0.3	-3.0	46.74	10
1037	97RDD-1152	652834	5421244	-0.3	-0.3	-3.0	47.21	10
1038	97RDD-1153	653539	5420502	0.5	0.7	-3.0	52.40	10
1039	97RDD-1154	654039	5421177	0.4	0.5	-3.0	31.41	10
1040	97RDD-1155	654660	5420538	-0.3	0.6	-3.0	65.88	10
1041	97RDD-1156	655045	5420966	0.5	0.6	-3.0	67.52	10
1042	97RDD-1157	655429	5421311	2.4	1.6	-3.0	48.26	10
1043	97RDD-1158	655209	5422831	0.4	0.4	-3.0	42.83	10
1044	97RDD-1159	655668	5423555	0.9	0.7	-3.0	28.48	10
1046	97RDD-1162	657985	5422925	0.6	0.6	-3.0	35.91	10
1048	97RDD-1164	656352	5421402	0.9	0.7	-3.0	44.78	10
1049	97RDD-1165	658020	5421049	0.9	0.7	-3.0	28.98	10
1050	97RDD-1166	660503	5422658	2.0	1.8	-3.0	20.74	10
1051	97RDD-1167	660189	5421705	1.4	1.2	-3.0	22.47	10
1052	97RDD-1168	659634	5420461	2.5	2.0	-3.0	18.43	10
1053	97RDD-1169	658652	5419400	1.6	1.6	-3.0	12.43	10

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI	Sample Weight
		NAD 27 UTM Zone 15	method————→	Fire Assay/ICP-MS			Grav.	
			detection limit————→	0.3	0.3	3.0	0.01	
				units————→	ppb	ppb	ppb	
1054	97RDD-1171	659394	5419144	-0.3	0.4	-3.0	36.75	10
1055	97RDD-1172	660179	5419112	1.3	0.6	-3.0	36.84	10
1056	97RDD-1173	661327	5418457	0.8	0.6	-3.0	53.93	10
1057	97RDD-1174	662053	5418578	0.8	0.8	-3.0	39.01	10
1058	97RDD-1175	662259	5419748	0.5	0.6	-3.0	54.67	10
1059	97RDD-1176	662668	5419673	0.3	0.5	-3.0	57.42	10
1060	97RDD-1177	662801	5420520	0.8	0.7	-3.0	56.65	10
1061	97RDD-1178	664661	5420264	1.5	1.1	-3.0	33.29	10
1062	97RDD-1179	663549	5419929	0.9	0.5	-3.0	48.53	10
1063	97RDD-1181	663525	5418785	0.9	0.6	7.6	38.54	10
1064	97RDD-1182	665610	5417374	1.4	0.6	-3.0	48.42	10
1065	97RDD-1183	665908	5416378	0.9	0.6	-3.0	35.28	10
1067	97RDD-1185	660924	5416719	-0.3	-0.3	-3.0	36.47	10
1068	97RDD-1186	659622	5415700	1.0	0.6	-3.0	38.66	10
1069	97RDD-1187	658542	5417698	-0.3	-0.3	-3.0	17.68	10
1070	97RDD-1188	657512	5417987	2.1	1.7	-3.0	24.32	10
1071	97RDD-1189	656364	5419237	1.5	1.1	-3.0	50.43	10
1072	97RDD-1191	655722	5420149	0.3	0.3	-3.0	31.60	10
1073	97RDD-1192	655196	5418686	0.6	0.4	-3.0	45.26	10
1074	97RDD-1193	654083	5418087	1.0	0.7	-3.0	26.58	10
1075	97RDD-1194	653731	5419137	0.8	0.5	6.8	41.44	10
1076	97RDD-1195	652112	5419535	0.5	0.5	-3.0	51.83	10
1077	97RDD-1196	652156	5419094	0.6	0.7	-3.0	35.25	10
1078	97RDD-1197	652922	5418206	0.7	0.6	-3.0	46.96	10
1079	97RDD-1198	651350	5417573	-0.3	0.3	-3.0	31.53	10
1080	97RDD-1199	649151	5418583	-0.3	0.7	-3.0	38.63	10
1081	97RDD-1201	647297	5418514	0.4	-0.3	-3.0	42.85	10
1082	97RDD-1202	645831	5417610	-0.3	-0.3	-3.0	34.89	10
1083	97RDD-1203	644844	5415830	-0.3	0.7	-3.0	32.99	10
1084	97RDD-1204	642773	5413570	-0.3	0.5	-3.0	35.48	10
1085	97RDD-1205	640073	5409858	1.4	1.0	-3.0	49.50	10
1086	97RDD-1206	634719	5406693	2.3	1.4	-3.0	43.75	10
1087	97RDD-1207	629907	5403054	1.1	0.7	-3.0	65.68	10
1088	97RDD-1208	627967	5401062	-0.3	0.4	-3.0	52.96	10
1089	97RDD-1209	631432	5402147	1.0	1.0	-3.0	44.08	10
1090	97RDD-1211	633560	5401688	-0.3	0.5	-3.0	52.56	10
1091	97RDD-1212	634535	5402204	0.3	0.6	-3.0	45.65	10
1092	97RDD-1213	637631	5402147	1.1	0.9	-3.0	61.55	10
1093	97RDD-1214	639954	5402109	1.0	0.7	-3.0	46.88	10
1094	97RDD-1215	642857	5402515	2.6	2.0	-3.0	45.54	10
1095	97RDD-1216	645377	5401590	1.4	1.3	-3.0	30.22	10
1096	97RDD-1217	646950	5401779	2.0	1.4	5.4	26.32	10
1097	97RDD-1218	647597	5401890	0.5	0.5	-3.0	27.81	10
1098	97RDD-1219	649400	5401775	0.9	0.7	-3.0	46.21	10
1099	97RDD-1221	652711	5401949	2.1	1.3	-3.0	39.09	10
1100	97RDD-1222	656858	5402025	0.8	0.6	-3.0	35.02	10
1101	97RDD-1223	659612	5402632	0.9	0.8	-3.0	33.10	10
1102	97RDD-1224	661572	5402781	1.0	1.1	-3.0	39.01	10
1103	97RDD-1225	666592	5402676	1.6	1.4	-3.0	15.93	10
1104	97RDD-1226	669761	5402635	0.6	0.5	3.6	16.67	10
1105	97RDD-1227	673293	5402499	1.9	1.2	-3.0	30.18	10
1107	97RDD-1229	674214	5403023	1.7	1.3	-3.0	42.55	10
1108	97RDD-1231	674204	5403761	1.3	0.9	-3.0	36.68	10
1109	97RDD-1232	673764	5404341	1.8	1.1	-3.0	37.61	10

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI Grav. 0.01 %	Sample Weight g
		NAD 27 UTM Zone 15	method→	Fire Assay/ICP-MS				
			detection limit→	0.3	0.3	3.0		
			units→	ppb	ppb	ppb		
1111	97RDD-1234	674643	5404396	2.4	1.7	-3.0	37.99	10
1112	97RDD-1235	675682	5404967	1.5	1.0	-3.0	44.71	10
1113	97RDD-1236	675622	5403376	1.5	0.8	-3.0	43.73	10
1114	97RDD-1237	675822	5402444	1.1	0.7	10.9	41.30	10
1115	97RDD-1238	676697	5403681	3.0	1.7	-3.0	41.33	10
1117	97RDD-1241	678459	5404727	1.2	0.6	-3.0	69.13	10
1118	97RDD-1242	678522	5404510	2.2	1.1	-3.0	44.71	10
1119	97RDD-1243	679230	5405023	6.4	2.4	-3.0	46.61	10
1120	97RDD-1244	679559	5404367	1.5	1.4	-3.0	33.20	10
1121	97RDD-1245	678521	5402904	1.9	1.5	-3.0	42.26	10
1122	97RDD-1246	679415	5402455	2.1	1.5	-3.0	36.44	10
1124	97RDD-1248	682077	5403000	-0.3	-0.3	-3.0	35.99	10
1125	97RDD-1249	683020	5403066	2.0	1.3	-3.0	35.00	10
1126	97RDD-1251	681653	5405241	0.8	1.0	3.5	32.61	10
1127	97RDD-1252	680719	5404776	1.8	1.5	-3.0	36.09	10
1128	97RDD-1253	679535	5406261	7.3	2.0	-3.0	16.45	10
1130	97RDD-1255	683254	5406141	4.3	1.9	-3.0	24.61	10
1131	97RDD-1256	683251	5408234	1.8	0.9	-3.0	67.21	10
1132	97RDD-1257	680804	5408121	0.9	0.4	-3.0	76.78	8
1133	97RDD-1258	680775	5407658	2.1	0.7	-3.0	63.77	8
1134	97RDD-1259	680479	5407439	2.0	1.1	-3.0	70.83	10
1135	97RDD-1261	680232	5407252	3.1	1.4	-3.0	60.99	10
1136	97RDD-1262	679767	5407504	5.8	1.8	-3.0	33.10	10
1137	97RDD-1263	679587	5408206	6.1	2.0	-3.0	51.93	10
1138	97RDD-1264	678578	5408486	2.0	1.0	-3.0	45.37	10
1139	97RDD-1265	678592	5407315	2.3	1.0	-3.0	50.14	10
1140	97RDD-1266	677981	5406462	1.7	1.0	-3.0	47.03	10
1141	97RDD-1267	678195	5405797	0.6	0.8	-3.0	31.47	10
1142	97RDD-1268	677319	5406966	1.4	0.8	-3.0	44.16	10
1143	97RDD-1269	676727	5408737	5.9	2.3	-3.0	37.20	10
1144	97RDD-1271	675662	5407215	3.9	1.8	-3.0	38.80	10
1146	97RDD-1273	674473	5405637	1.7	0.7	-3.0	52.89	10
1147	97RDD-1274	674017	5405658	1.2	0.6	-3.0	57.46	10
1148	97RDD-1275	673019	5405356	1.1	0.9	-3.0	43.72	10
1149	97RDD-1276	673982	5406838	2.6	1.5	-3.0	44.94	10
1150	97RDD-1277	674373	5407827	1.0	0.3	-3.0	55.75	10
1151	97RDD-1278	673780	5409059	1.9	1.0	-3.0	43.11	10
1152	97RDD-1279	673131	5407973	2.6	1.4	-3.0	47.89	10
1153	97RDD-1281	672421	5406932	2.0	1.6	-3.0	41.46	10
1154	97RDD-1282	671027	5407198	2.8	1.5	-3.0	39.76	10
1155	97RDD-1283	670897	5406060	1.9	1.4	-3.0	39.21	10
1156	97RDD-1284	671885	5405835	1.5	1.1	-3.0	63.83	10
1157	97RDD-1285	670939	5404782	2.2	1.1	-3.0	42.07	10
1158	97RDD-1286	672289	5404495	1.4	1.2	-3.0	41.43	10
1159	97RDD-1287	671882	5403547	1.2	0.9	-3.0	43.44	10
1160	97RDD-1288	671685	5402606	-0.3	0.4	-3.0	33.93	10
1161	97RDD-1289	670361	5403324	1.1	1.0	-3.0	17.33	10
1162	97RDD-1291	669055	5403816	1.9	1.4	-3.0	42.45	10
1163	97RDD-1292	668253	5404037	0.9	1.0	-3.0	35.26	10
1164	97RDD-1293	667659	5403568	1.4	1.4	-3.0	25.44	10
1166	97RDD-1295	664819	5402088	1.7	1.4	-3.0	26.11	10
1167	97RDD-1296	665073	5403230	1.1	0.9	-3.0	43.31	10
1168	97RDD-1297	665198	5403744	1.0	1.0	-3.0	41.64	10
1171	97RDD-1301	658606	5401857	-0.3	0.4	-3.0	39.46	10

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI	Sample Weight
		NAD 27 UTM Zone 15	method—————>	Fire Assay/ICP-MS			Grav. 0.01	
			detection limit————>	0.3	0.3	3.0		
				units—————>	ppb	ppb		
1172	97RDD-1302	656779	5402660	0.6	0.7	-3.0	41.21	10
1173	97RDD-1303	656004	5402445	0.6	1.0	-3.0	38.92	10
1174	97RDD-1304	655544	5402243	0.6	1.0	-3.0	40.28	10
1175	97RDD-1305	655023	5401779	1.1	1.1	-3.0	32.88	10
1176	97RDD-1306	654330	5401844	0.6	0.6	-3.0	39.55	6
1177	97RDD-1307	651223	5402265	0.4	0.4	-3.0	68.24	10
1178	97RDD-1308	647662	5402919	1.6	1.6	-3.0	54.38	10
1179	97RDD-1309	641907	5402214	1.9	1.3	-3.0	30.72	10
1180	97RDD-1311	641100	5402590	3.9	2.1	-3.0	38.04	10
1181	97RDD-1312	638038	5402511	2.5	1.6	3.1	50.59	10
1182	97RDD-1313	632350	5401737	0.8	0.8	-3.0	43.85	10
1183	97RDD-1314	631201	5402938	0.5	0.8	-3.0	52.29	10
1184	97RDD-1315	633080	5403111	0.4	0.6	-3.0	58.62	10
1185	97RDD-1316	635825	5403293	0.7	0.6	-3.0	49.15	10
1186	97RDD-1317	637058	5403158	2.2	1.6	-3.0	56.54	10
1187	97RDD-1318	639657	5403801	1.6	2.9	-3.0	50.66	10
1188	97RDD-1319	641027	5403546	0.7	0.6	-3.0	41.69	10
1189	97RDD-1321	645991	5402732	0.9	0.9	-3.0	42.90	10
1190	97RDD-1322	649006	5402514	1.2	1.1	-3.0	35.43	10
1191	97RDD-1323	651734	5401683	-0.3	0.4	-3.0	55.36	10
1192	97RDD-1324	653344	5402128	1.1	0.9	-3.0	42.95	10
1193	97RDD-1325	653954	5402343	0.9	1.1	-3.0	49.55	10
1194	97RDD-1326	654471	5402534	0.8	0.7	-3.0	51.73	10
1195	97RDD-1327	655352	5403073	0.3	0.7	-3.0	35.93	10
1196	97RDD-1328	658619	5403657	1.0	0.7	-3.0	52.22	9
1197	97RDD-1329	659079	5403873	1.2	1.0	-3.0	47.58	10
1198	97RDD-1331	659709	5404202	0.7	0.6	-3.0	68.17	10
1199	97RDD-1332	659225	5404645	0.7	0.6	-3.0	48.25	10
1200	97RDD-1333	660564	5403962	0.3	0.6	-3.0	33.51	10
1201	97RDD-1334	660863	5404105	2.7	1.5	-3.0	55.19	9
1202	97RDD-1335	660657	5403473	1.8	1.0	-3.0	39.08	10
1203	97RDD-1336	661228	5403280	1.2	0.8	-3.0	57.46	10
1204	97RDD-1337	662287	5404037	0.5	0.8	-3.0	43.69	10
1205	97RDD-1338	661645	5404563	1.2	1.5	-3.0	33.71	10
1206	97RDD-1339	660746	5404762	2.4	1.7	-3.0	38.09	10
1207	97RDD-1341	661612	5405242	2.7	1.8	-3.0	7.52	10
1208	97RDD-1342	661299	5405712	0.4	0.5	-3.0	61.90	10
1209	97RDD-1343	662723	5405024	1.4	0.9	-3.0	39.00	10
1210	97RDD-1344	663994	5404575	0.3	0.5	-3.0	56.55	10
1211	97RDD-1345	664673	5404809	0.8	0.8	-3.0	44.98	10
1212	97RDD-1346	664255	5406028	1.5	1.9	-3.0	37.94	10
1213	97RDD-1347	663399	5406395	0.8	0.8	-3.0	43.44	10
1214	97RDD-1348	664013	5407515	2.2	1.1	-3.0	48.13	10
1215	97RDD-1349	665183	5406831	0.9	0.7	-3.0	41.57	10
1216	97RDD-1351	667089	5407006	3.5	2.0	-3.0	39.47	10
1217	97RDD-1352	667327	5405428	1.3	1.2	-3.0	34.35	10
1218	97RDD-1353	669091	5405155	2.0	1.0	-3.0	33.76	10
1219	97RDD-1354	669215	5406554	1.4	0.6	-3.0	34.75	10
1220	97RDD-1355	668531	5407367	2.4	1.5	-3.0	28.05	10
1221	97RDD-1356	669418	5407255	1.1	0.8	-3.0	44.58	10
1222	97RDD-1357	669605	5407850	0.9	0.6	-3.0	53.29	10
1223	97RDD-1358	670058	5408022	2.5	1.1	-3.0	46.34	10
1224	97RDD-1359	670151	5408999	3.0	1.1	-3.0	55.82	10
1225	97RDD-1361	669261	5409198	4.6	1.8	-3.0	45.04	10

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI	Sample Weight
		NAD 27 UTM Zone 15	method————→ detection limit————→ units————→	Fire Assay/ICP-MS			Grav. 0.01 %	
				0.3	0.3	3.0		
				ppb	ppb	ppb		
1226	97RDD-1362	669266	5408400	1.6	0.8	-3.0	60.75	10
1227	97RDD-1363	668161	5408180	1.3	0.7	-3.0	65.56	10
1228	97RDD-1364	667099	5408226	1.2	0.7	-3.0	47.26	10
1229	97RDD-1365	667642	5409068	0.3	0.4	-3.0	54.91	10
1230	97RDD-1366	666632	5409471	0.9	0.6	-3.0	66.39	10
1231	97RDD-1367	666260	5410601	1.7	1.0	-3.0	33.72	10
1232	97RDD-1368	666464	5411096	2.0	1.0	-3.0	61.15	10
1233	97RDD-1369	665539	5411968	1.1	0.5	-3.0	44.03	10
1234	97RDD-1371	665642	5412928	2.8	1.3	-3.0	40.50	10
1235	97RDD-1372	666785	5413694	1.5	0.9	16.2	41.59	10
1236	97RDD-1373	666784	5414344	1.7	0.9	-3.0	42.96	10
1237	97RDD-1374	664683	5413067	1.3	0.7	-3.0	40.72	10
1238	97RDD-1375	663675	5412669	3.2	1.6	-3.0	35.92	10
1239	97RDD-1376	663859	5411675	1.1	0.7	-3.0	39.92	10
1240	97RDD-1377	662515	5412250	2.5	1.4	-3.0	37.70	10
1241	97RDD-1378	661139	5412585	2.3	1.5	-3.0	31.64	10
1242	97RDD-1379	660551	5412782	0.6	0.6	-3.0	40.00	10
1243	97RDD-1381	660155	5412201	2.0	1.3	-3.0	34.61	10
1244	97RDD-1382	661433	5411814	-0.3	-0.3	-3.0	42.43	10
1245	97RDD-1383	660157	5410127	0.7	0.6	-3.0	47.41	10
1246	97RDD-1384	661863	5410026	1.1	0.7	-3.0	62.28	10
1247	97RDD-1385	663171	5410515	1.5	0.8	-3.0	49.29	10
1248	97RDD-1386	663658	5410371	1.6	0.8	-3.0	48.54	10
1249	97RDD-1387	665501	5410512	2.2	1.2	-3.0	24.83	10
1250	97RDD-1388	665723	5408108	2.0	1.0	-3.0	43.10	10
1251	97RDD-1389	664924	5408043	2.8	1.4	-3.0	45.92	10
1252	97RDD-1391	664245	5408319	2.7	1.3	-3.0	47.00	10
1253	97RDD-1392	663468	5408623	2.8	1.4	-3.0	48.00	10
1254	97RDD-1393	663040	5408363	3.3	1.5	-3.0	44.32	10
1255	97RDD-1394	662330	5408516	2.8	1.5	-3.0	42.89	10
1256	97RDD-1395	662000	5407166	1.0	0.7	-3.0	52.30	10
1257	97RDD-1396	661784	5406566	5.4	-0.3	-3.0	62.33	6
1258	97RDD-1397	660386	5406819	2.8	1.8	-3.0	35.64	10
1259	97RDD-1398	660040	5407256	1.5	1.0	-3.0	56.01	10
1260	97RDD-1399	660221	5407965	1.8	1.1	6.8	47.02	10
1261	97RDD-1401	659667	5408226	3.0	2.0	-3.0	11.50	10
1262	97RDD-1402	658614	5408251	1.5	1.3	-3.0	5.85	10
1263	97RDD-1403	658308	5410368	2.8	1.1	-3.0	53.99	10
1264	97RDD-1404	657472	5409467	2.4	1.2	-3.0	42.87	10
1265	97RDD-1405	657351	5408555	1.7	0.7	-3.0	57.27	10
1266	97RDD-1406	656712	5407993	3.8	1.7	-3.0	37.00	10
1267	97RDD-1407	657436	5407343	2.1	1.3	-3.0	22.17	10
1268	97RDD-1408	658637	5406374	4.0	1.9	-3.0	36.70	10
1269	97RDD-1409	658986	5405506	0.8	0.8	-3.0	41.74	10
1270	97RDD-1411	658024	5405331	2.4	1.1	-3.0	24.05	10
1271	97RDD-1412	656322	5405141	0.8	0.7	-3.0	40.32	10
1272	97RDD-1413	654681	5404069	1.3	0.8	-3.0	46.00	10
1273	97RDD-1414	653764	5403420	0.6	0.5	-3.0	41.32	10
1276	97RDD-1417	644382	5402611	2.8	1.1	-3.0	57.97	10
1277	97RDD-1418	641514	5401326	1.7	1.4	-3.0	23.96	10
1278	97RDD-1419	638589	5401237	1.0	0.8	-3.0	42.94	10
1279	97RDD-1421	636981	5401220	0.9	0.8	-3.0	52.55	10
1280	97RDD-1422	635981	5401119	1.2	0.9	-3.0	49.74	10
1281	97RDD-1423	630935	5401718	0.8	0.7	-3.0	35.08	10

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI Grav. 0.01 %	Sample Weight g
		NAD 27 UTM Zone 15	method————→	Fire Assay/ICP-MS				
			detection limit————→	0.3	0.3	3.0		
			units————→	ppb	ppb	ppb		
1282	97RDD-1424	632200	5402850	0.8	0.7	-3.0	49.93	10
1283	97RDD-1425	634114	5403471	0.9	0.9	-3.0	50.16	10
1284	97RDD-1426	634805	5403638	0.6	0.6	-3.0	59.73	10
1285	97RDD-1427	636640	5403611	0.7	0.8	-3.0	49.40	10
1286	97RDD-1428	639099	5404327	2.8	1.1	4.1	43.84	10
1287	97RDD-1429	639130	5404161	2.0	0.9	-3.0	46.45	10
1288	97RDD-1431	640737	5403070	0.9	0.7	3.7	47.99	10
1289	97RDD-1432	647232	5405458	1.1	1.1	-3.0	9.85	10
1290	97RDD-1433	649987	5404497	2.2	1.2	-3.0	35.05	10
1291	97RDD-1434	649411	5403662	1.7	1.0	-3.0	49.65	10
1292	97RDD-1435	650402	5403717	3.7	1.6	-3.0	46.87	10
1293	97RDD-1436	651722	5404294	1.2	1.0	-3.0	64.86	10
1294	97RDD-1437	650976	5405031	1.4	0.8	-3.0	41.97	10
1295	97RDD-1438	650819	5406094	1.7	1.1	-3.0	36.53	10
1296	97RDD-1439	650792	5406801	1.4	1.0	-3.0	32.68	10
1297	97RDD-1441	650519	5407189	0.8	0.5	-3.0	37.17	10
1298	97RDD-1442	651731	5407364	2.0	1.3	-3.0	42.69	10
1299	97RDD-1443	652049	5408037	3.0	1.7	-3.0	40.94	10
1300	97RDD-1444	651286	5408868	1.2	0.9	-3.0	48.06	10
1301	97RDD-1445	651727	5409522	1.1	1.1	-3.0	39.94	10
1302	97RDD-1446	652544	5408890	1.0	0.8	-3.0	49.27	10
1303	97RDD-1447	652689	5407988	1.6	1.0	-3.0	46.04	10
1304	97RDD-1448	653518	5407023	0.8	0.5	-3.0	62.00	10
1305	97RDD-1449	652328	5406757	0.9	0.5	-3.0	51.10	10
1306	97RDD-1451	652292	5406342	1.7	0.9	-3.0	59.83	10
1307	97RDD-1452	652517	5406043	0.9	0.4	-3.0	70.09	10
1308	97RDD-1453	652872	5405736	1.6	0.7	-3.0	40.92	10
1309	97RDD-1454	652308	5405436	1.6	1.0	6.9	18.55	10
1310	97RDD-1455	653187	5404282	3.2	1.4	3.6	39.97	10
1311	97RDD-1456	654726	5404818	0.6	0.4	-3.0	53.11	10
1312	97RDD-1457	655777	5405407	1.3	0.8	-3.0	51.70	10
1313	97RDD-1458	656257	5405572	0.8	0.7	-3.0	50.98	10
1314	97RDD-1459	656840	5405945	1.8	1.1	4.9	40.72	10
1315	97RDD-1461	656797	5406836	0.9	1.1	-3.0	46.88	10
1316	97RDD-1462	655823	5406455	1.7	1.3	-3.0	41.96	10
1317	97RDD-1463	654812	5406379	3.2	1.7	3.6	40.72	10
1318	97RDD-1464	654682	5407380	1.8	1.0	-3.0	56.06	10
1319	97RDD-1465	655327	5407301	2.2	1.4	-3.0	36.57	10
1320	97RDD-1466	655587	5408289	1.4	0.7	3.1	27.95	10
1321	97RDD-1467	656017	5409767	1.6	0.9	-3.0	51.34	10
1322	97RDD-1468	653704	5411496	0.9	0.7	-3.0	34.06	10
1323	97RDD-1469	652932	5412209	1.4	1.2	-3.0	14.92	10
1324	97RDD-1471	651286	5411895	1.0	0.8	-3.0	36.28	10
1325	97RDD-1472	650159	5412937	0.5	0.6	4.9	51.72	10
1326	97RDD-1473	651068	5413539	0.8	0.6	-3.0	47.16	10
1327	97RDD-1474	650536	5414187	0.8	0.6	-3.0	62.52	10
1328	97RDD-1475	651942	5414348	0.9	0.6	-3.0	57.24	10
1329	97RDD-1476	652467	5414103	1.2	0.8	-3.0	53.08	10
1330	97RDD-1477	652766	5413664	0.8	0.9	-3.0	52.52	10
1331	97RDD-1478	652894	5414759	1.3	0.9	-3.0	49.76	10
1332	97RDD-1479	652713	5416052	0.7	0.7	-3.0	42.04	10
1333	97RDD-1481	652518	5417277	0.9	0.7	-3.0	52.76	10
1334	97RDD-1482	652011	5417326	0.9	0.9	-3.0	35.53	10
1335	97RDD-1483	651772	5416763	1.0	0.8	-3.0	48.51	10

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI	Sample Weight
		NAD 27 UTM Zone 15	method————→	Fire Assay/ICP-MS			Grav. 0.01 %	
			detection limit————→	0.3	0.3	3.0		
				units————→	ppb	ppb		
1336	97RDD-1484	650531	5417009	0.6	0.7	-3.0	36.91	10
1337	97RDD-1485	650019	5415540	0.5	0.7	-3.0	39.06	10
1338	97RDD-1486	649595	5414814	1.2	1.1	-3.0	32.52	10
1339	97RDD-1487	648202	5415599	1.1	1.2	-3.0	27.74	10
1340	97RDD-1488	648702	5416863	0.8	0.9	-3.0	32.49	10
1341	97RDD-1489	649056	5417695	0.9	0.9	-3.0	29.99	10
1342	97RDD-1491	647427	5416841	0.5	0.6	-3.0	31.76	10
1343	97RDD-1492	646944	5416044	1.0	0.9	-3.0	44.22	10
1344	97RDD-1493	647425	5415790	0.8	0.7	-3.0	59.03	10
1345	97RDD-1494	647064	5415043	0.9	0.7	-3.0	58.50	10
1346	97RDD-1495	647269	5414292	1.7	1.4	-3.0	32.57	10
1347	97RDD-1496	646820	5412238	1.5	1.3	-3.0	30.37	10
1348	97RDD-1497	648521	5412679	0.9	0.8	-3.0	47.24	10
1349	97RDD-1498	648854	5413073	0.5	0.6	-3.0	43.25	10
1350	97RDD-1499	649377	5412790	0.9	0.8	-3.0	53.94	10
1351	97RDD-1501	648638	5412075	1.2	1.2	-3.0	15.64	10
1352	97RDD-1502	648500	5411107	2.0	1.1	-3.0	20.72	10
1353	97RDD-1503	648997	5411068	1.3	1.0	-3.0	26.28	10
1354	97RDD-1504	649934	5410570	1.5	1.0	-3.0	19.33	10
1356	97RDD-1506	647413	5409151	5.2	1.8	-3.0	49.84	10
1357	97RDD-1507	649903	5408608	1.7	1.0	-3.0	49.88	10
1358	97RDD-1508	649552	5407878	1.5	0.9	-3.0	42.89	10
1359	97RDD-1509	649134	5406552	1.1	0.8	-3.0	67.45	10
1360	97RDD-1511	648447	5406575	2.7	1.7	-3.0	49.10	10
1361	97RDD-1512	647273	5407907	1.0	0.8	-3.0	35.96	10
1362	97RDD-1513	647092	5407464	2.8	1.7	5.2	53.54	10
1363	97RDD-1514	647068	5406993	4.0	1.3	4.1	35.82	10
1364	97RDD-1515	646671	5406950	3.8	1.5	3.8	48.54	10
1365	97RDD-1516	645525	5407074	3.0	1.6	-3.0	40.83	10
1366	97RDD-1517	645818	5407800	2.3	1.2	-3.0	46.37	10
1367	97RDD-1518	645898	5409216	7.0	3.1	-3.0	42.83	10
1368	97RDD-1519	643910	5408154	1.5	0.6	-3.0	28.36	10
1369	97RDD-1521	643731	5406674	1.8	1.0	-3.0	39.38	10
1370	97RDD-1522	643828	5401496	2.7	1.4	-3.0	32.22	10
1371	97RDD-1523	642803	5401222	1.0	1.1	-3.0	55.25	10
1372	97RDD-1524	642302	5401245	1.6	1.3	3.5	33.22	10
1373	97RDD-1525	641067	5403055	0.9	0.9	-3.0	59.65	10
1374	97RDD-1526	639125	5403157	-0.3	-0.3	-3.0	58.75	10
1375	97RDD-1527	639075	5402362	1.3	0.9	-3.0	51.58	10
1376	97RDD-1528	637107	5401695	1.0	0.9	-3.0	49.73	10
1377	97RDD-1529	636737	5401682	2.0	1.2	-3.0	50.36	10
1378	97RDD-1531	636137	5401974	1.0	0.9	-3.0	52.29	10
1379	97RDD-1532	628873	5405041	1.0	-0.3	-3.0	66.32	7
1380	97RDD-1533	629334	5405139	1.3	1.0	-3.0	63.21	10
1381	97RDD-1534	629264	5406849	0.9	0.7	-3.0	67.74	10
1382	97RDD-1535	630136	5410587	1.0	0.9	-3.0	18.63	10
1383	97RDD-1536	629681	5415269	1.1	0.9	3.7	46.31	10
1384	97RDD-1537	630650	5420863	0.8	0.6	-3.0	55.64	10
1385	97RDD-1538	635675	5418286	1.6	1.4	3.9	30.63	10
1386	97RDD-1539	635048	5416527	0.8	0.7	3.5	52.26	10
1387	97RDD-1541	637375	5416060	0.7	0.6	-3.0	56.69	10
1388	97RDD-1542	639145	5415194	1.6	1.2	-3.0	32.82	10
1389	97RDD-1543	632550	5426590	1.0	0.8	-3.0	39.88	10
1390	97RDD-1544	634269	5430361	1.0	0.8	-3.0	32.96	10

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI	Sample Weight
		NAD 27 UTM Zone 15	method—————→	Fire Assay/ICP-MS			Grav. 0.01 %	
			detection limit————→	0.3	0.3	3.0		
			units—————→	ppb	ppb	ppb		
1391	97RDD-1545	635755	5435213	1.1	0.4	-3.0	47.29	10
1392	97RDD-1546	636504	5435317	1.3	0.7	-3.0	32.25	10
1393	97RDD-1547	639135	5440706	1.5	1.0	-3.0	43.73	10
1394	97RDD-1548	638562	5440861	1.6	0.9	-3.0	38.67	10
1395	97RDD-1549	641472	5445138	0.6	0.6	-3.0	30.37	10
1398	97RDD-1553	643150	5450883	0.5	0.7	-3.0	33.36	10
1422	97RDD-1579	629562	5401598	0.6	0.6	-3.0	52.64	10
1424	97RDD-1582	631253	5406004	1.2	0.8	-3.0	56.65	10
1425	97RDD-1583	633843	5406167	1.5	0.5	-3.0	65.52	10
1426	97RDD-1584	635011	5406246	1.2	0.9	-3.0	59.54	10
1427	97RDD-1585	635958	5406515	1.4	1.1	-3.0	49.05	10
1428	97RDD-1586	636669	5406575	1.0	0.9	-3.0	59.31	10
1430	97RDD-1588	640491	5406702	0.8	0.6	-3.0	60.78	5
1431	97RDD-1589	641615	5407027	0.8	0.6	-3.0	46.31	10
1432	97RDD-1591	642863	5406431	1.6	0.9	-3.0	49.18	10
1433	97RDD-1592	642545	5409973	1.1	0.7	-3.0	42.35	10
1434	97RDD-1593	641567	5410461	1.3	1.2	-3.0	34.68	10
1435	97RDD-1594	641240	5411522	2.7	1.4	-3.0	50.47	10
1436	97RDD-1595	640318	5411571	1.5	1.2	-3.0	46.75	10
1437	97RDD-1596	639276	5411092	0.4	0.6	-3.0	40.54	10
1438	97RDD-1597	640300	5412217	0.9	0.7	-3.0	63.57	10
1439	97RDD-1598	640971	5412223	1.5	1.4	-3.0	33.76	10
1440	97RDD-1599	640570	5413029	1.0	1.0	-3.0	39.01	10
1441	97RDD-1601	641583	5413947	1.0	0.8	-3.0	39.91	10
1442	97RDD-1602	641436	5413082	1.9	1.6	-3.0	44.22	10
1443	97RDD-1603	642069	5412468	0.5	0.6	3.5	55.21	10
1444	97RDD-1604	642450	5412132	1.1	1.1	-3.0	28.13	10
1445	97RDD-1605	644046	5412619	-0.3	0.6	-3.0	40.05	10
1446	97RDD-1606	644525	5411391	1.1	1.0	-3.0	44.44	10
1447	97RDD-1607	645520	5412695	0.8	0.9	-3.0	49.10	10
1448	97RDD-1608	646286	5413295	1.1	1.0	-3.0	38.14	10
1449	97RDD-1609	646452	5414699	0.6	0.9	5.3	37.58	10
1450	97RDD-1611	645748	5415338	1.0	1.1	3.1	35.13	10
1451	97RDD-1612	644750	5413653	0.8	0.8	-3.0	40.68	10
1453	97RDD-1614	644455	5415474	-0.3	0.5	-3.0	55.56	10
1454	97RDD-1615	644055	5416011	0.7	0.6	4.5	41.27	10
1455	97RDD-1616	643207	5415645	1.1	0.9	4.4	44.39	10
1456	97RDD-1617	643025	5414823	0.9	0.8	4.6	48.05	10
1457	97RDD-1618	642303	5414983	-0.3	0.6	-3.0	48.52	10
1458	97RDD-1619	642314	5416099	0.4	0.4	3.8	46.69	10
1459	97RDD-1621	643873	5417658	0.4	0.7	-3.0	33.27	10
1461	97RDD-1623	645750	5418708	-0.3	0.5	-3.0	28.74	10
1462	97RDD-1624	644942	5419280	0.3	0.6	-3.0	30.53	10
1463	97RDD-1625	643620	5424871	0.7	0.6	-3.0	42.76	10
1464	97RDD-1626	642900	5424294	-0.3	0.4	-3.0	26.24	10
1465	97RDD-1627	641827	5423538	0.6	1.0	-3.0	47.30	10
1466	97RDD-1628	641905	5422442	0.9	1.0	-3.0	27.02	10
1467	97RDD-1629	640525	5421857	0.5	0.5	-3.0	53.20	10
1468	97RDD-1631	639520	5421010	0.7	0.8	-3.0	34.93	10
1469	97RDD-1632	639627	5421660	1.1	0.9	-3.0	40.16	10
1470	97RDD-1633	638878	5421905	0.4	0.4	-3.0	57.19	10
1471	97RDD-1634	639652	5422825	0.5	0.6	5.1	39.05	10
1472	97RDD-1635	639669	5423475	1.0	0.7	-3.0	41.27	10
1473	97RDD-1636	638731	5423319	0.6	-0.3	-3.0	60.03	10

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI Grav. 0.01 %	Sample Weight g
		NAD 27 UTM Zone 15	method→ detection limit→ units→	Fire Assay/ICP-MS				
				0.3 ppb	0.3 ppb	3.0 ppb		
1474	97RDD-1637	638099	5423478	0.6	0.6	-3.0	33.20	10
1475	97RDD-1638	636733	5423260	0.3	0.4	-3.0	41.30	10
1476	97RDD-1639	638010	5422315	0.3	0.6	-3.0	52.58	10
1477	97RDD-1641	637872	5421834	-0.3	0.4	-3.0	47.98	10
1478	97RDD-1642	638372	5420678	1.3	1.3	-3.0	25.10	10
1479	97RDD-1643	637629	5419930	1.0	0.9	-3.0	38.88	10
1480	97RDD-1644	637142	5418794	2.3	0.9	-3.0	51.23	10
1481	97RDD-1645	634862	5419207	-0.3	-0.3	-3.0	42.72	10
1482	97RDD-1646	634576	5417826	0.4	0.7	-3.0	11.76	10
1483	97RDD-1647	633852	5418226	0.6	0.7	-3.0	45.99	10
1485	97RDD-1649	632730	5418682	0.9	1.1	-3.0	32.76	10
1486	97RDD-1651	633037	5420097	-0.3	0.5	4.5	44.36	10
1487	97RDD-1652	633922	5421524	0.4	0.5	-3.0	38.74	10
1488	97RDD-1653	634903	5422250	0.6	0.6	-3.0	38.28	10
1489	97RDD-1654	633720	5422482	0.4	0.6	-3.0	38.26	10
1490	97RDD-1655	632270	5419438	0.9	0.9	-3.0	28.47	10
1491	97RDD-1656	631573	5418251	0.7	0.6	-3.0	54.41	10
1492	97RDD-1657	631491	5417580	-0.3	0.5	-3.0	43.38	10
1493	97RDD-1658	630563	5416986	0.8	0.7	-3.0	40.84	10
1494	97RDD-1659	631781	5416090	0.5	0.7	-3.0	27.57	10
1495	97RDD-1661	633508	5416588	0.7	0.7	-3.0	53.09	10
1496	97RDD-1662	633770	5414828	0.5	0.6	-3.0	48.45	10
1497	97RDD-1663	634756	5414936	1.2	1.2	-3.0	33.02	10
1498	97RDD-1664	635743	5414012	1.1	0.8	-3.0	25.87	10
1499	97RDD-1665	636050	5413516	0.6	0.5	-3.0	51.45	10
1500	97RDD-1666	636257	5412274	0.5	0.5	-3.0	62.24	10
1501	97RDD-1667	634435	5413315	0.6	0.6	-3.0	37.88	10
1502	97RDD-1668	633529	5413579	0.6	0.9	-3.0	29.60	10
1503	97RDD-1669	632546	5414028	1.0	0.8	-3.0	28.99	10
1504	97RDD-1671	631632	5413771	0.8	0.8	-3.0	40.45	10
1505	97RDD-1672	630999	5412809	0.9	0.7	-3.0	47.94	10
1506	97RDD-1673	632470	5412015	0.8	0.8	-3.0	25.91	10
1507	97RDD-1674	633620	5411877	0.5	0.4	-3.0	67.77	10
1508	97RDD-1675	635149	5409763	1.2	0.9	-3.0	20.27	10
1509	97RDD-1676	633451	5409234	1.3	1.0	-3.0	29.35	10
1510	97RDD-1677	634459	5408671	-0.3	-0.3	-3.0	67.53	3
1511	97RDD-1678	633551	5409326	-0.3	0.4	-3.0	70.38	9
1512	97RDD-1679	632988	5409827	0.9	1.1	6.6	42.09	10
1513	97RDD-1681	633165	5406688	1.8	1.1	7.8	45.13	10
1514	97RDD-1682	619011	5403884	0.8	0.6	10.3	46.62	10
1515	97RDD-1683	615676	5405544	1.0	0.6	3.3	36.62	10
1516	97RDD-1684	612639	5406558	-0.3	-0.3	-3.0	66.53	5
1517	97RDD-1685	610723	5409116	-0.3	-0.3	-3.0	51.30	10
1518	97RDD-1686	610764	5409867	0.3	0.3	4.9	70.52	10
1519	97RDD-1687	608918	5408804	-0.3	0.4	10.5	43.69	10
1520	97RDD-1689	606364	5410275	0.9	0.7	4.7	36.44	10
1522	97RDD-1691	602332	5411616	1.7	1.4	6.9	37.95	10
1523	97RDD-1692	603029	5415691	2.0	0.7	-3.0	62.88	6
1524	97RDD-1693	604531	5416938	0.8	-0.3	-3.0	72.92	6
1525	97RDD-1694	606105	5418285	2.4	0.8	6.4	62.04	10
1527	97RDD-1696	606976	5420301	1.5	0.8	5.5	29.94	10
1528	97RDD-1697	610233	5419335	1.3	0.4	11.7	71.05	10
1529	97RDD-1698	612595	5421764	0.4	0.7	15.0	59.31	10
1531	97RDD-1701	607950	5421257	1.7	0.7	7.7	50.30	10

Site	Lake Sediment Sample #	EASTING NAD 27 UTM Zone 15	NORTHING method————→ detection limit————→ units————→	Pd	Pt	Au	LOI Grav. 0.01 %	Sample Weight g
1532	97RDD-1702	607915	5421519	1.6	1.0	8.0	23.45	10
1534	97RDD-1704	608654	5422495	1.7	1.0	4.8	18.93	10
1535	97RDD-1705	608789	5422179	1.1	1.0	8.1	19.88	10
1536	97RDD-1706	609637	5422079	1.2	1.0	6.6	26.89	10
1537	97RDD-1707	609682	5422505	-0.3	-0.3	-3.0	57.34	10
1538	97RDD-1708	609183	5423114	1.3	0.9	-3.0	19.33	10
1539	97RDD-1709	609830	5423944	1.8	1.2	-3.0	21.95	10
1540	97RDD-1711	608525	5423971	0.4	0.6	-3.0	45.46	10
1541	97RDD-1712	608024	5423967	0.5	0.4	-3.0	42.23	10
1543	97RDD-1714	609114	5424713	0.6	0.5	-3.0	44.09	10
1544	97RDD-1715	609194	5425571	0.8	0.4	-3.0	55.84	10
1545	97RDD-1716	608711	5426022	0.7	0.4	-3.0	53.76	10
1546	97RDD-1717	608778	5427172	0.4	0.4	-3.0	43.41	10
1547	97RDD-1718	608565	5427713	-0.3	-0.3	-3.0	39.40	10
1548	97RDD-1719	607888	5427923	-0.3	-0.3	-3.0	66.25	6
1549	97RDD-1721	607560	5427362	0.7	0.5	-3.0	55.44	10
1550	97RDD-1722	607055	5427644	0.4	0.5	-3.0	42.13	10
1551	97RDD-1723	607030	5426976	0.5	0.5	-3.0	54.04	10
1552	97RDD-1724	606765	5425931	-0.3	0.5	-3.0	57.21	10
1553	97RDD-1725	607112	5424443	0.4	0.6	-3.0	33.27	10
1554	97RDD-1726	606639	5424433	-0.3	-0.3	-3.0	52.91	10
1555	97RDD-1727	606322	5424075	0.6	0.6	-3.0	45.19	10
1556	97RDD-1728	605810	5423395	0.7	0.6	-3.0	45.01	10
1557	97RDD-1729	605431	5423796	-0.3	-0.3	-3.0	25.35	10
1558	97RDD-1731	605229	5424778	0.4	0.6	-3.0	37.36	10
1559	97RDD-1732	604621	5425032	0.4	0.5	-3.0	44.98	10
1560	97RDD-1733	604424	5425339	0.3	0.7	-3.0	44.80	10
1561	97RDD-1734	604016	5425467	-0.3	0.6	-3.0	39.22	10
1562	97RDD-1735	605174	5426079	-0.3	0.5	-3.0	56.54	10
1563	97RDD-1736	606316	5426506	0.4	0.7	-3.0	39.92	10
1564	97RDD-1737	606359	5427196	0.7	0.6	-3.0	41.36	10
1565	97RDD-1738	605288	5427243	0.8	0.8	-3.0	44.32	10
1566	97RDD-1739	604098	5428048	0.3	0.6	-3.0	44.01	10
1567	97RDD-1741	604029	5427460	-0.3	0.6	-3.0	33.79	10
1568	97RDD-1742	603235	5427023	0.5	0.6	7.7	39.35	10
1569	97RDD-1743	603168	5426355	0.4	0.5	-3.0	50.63	10
1570	97RDD-1744	602627	5426210	0.4	0.4	-3.0	47.23	10
1571	97RDD-1745	602475	5427183	0.5	0.6	-3.0	55.16	10
1572	97RDD-1746	602374	5427874	-0.3	0.5	-3.0	30.22	10
1573	97RDD-1747	601468	5427377	0.4	0.6	6.5	35.22	10
1574	97RDD-1748	601980	5427044	0.6	0.6	-3.0	53.20	10
1575	97RDD-1749	601562	5426308	-0.3	0.5	-3.0	55.95	10
1576	97RDD-1751	601851	5426059	-0.3	0.6	-3.0	41.49	10
1577	97RDD-1752	601726	5425512	-0.3	-0.3	-3.0	43.54	10
1578	97RDD-1753	602461	5425455	-0.3	0.6	-3.0	30.65	10
1579	97RDD-1754	601388	5424787	-0.3	0.5	-3.0	47.67	10
1580	97RDD-1755	601782	5424625	0.9	0.7	-3.0	50.62	10
1582	97RDD-1757	603315	5424476	0.4	0.6	-3.0	47.82	10
1583	97RDD-1758	604188	5424126	0.4	0.5	-3.0	35.96	10
1584	97RDD-1759	604183	5422441	0.5	0.5	-3.0	12.32	10
1585	97RDD-1761	605470	5422805	1.0	0.7	-3.0	16.14	10
1586	97RDD-1762	606229	5422603	1.8	1.1	-3.0	28.13	10
1588	97RDD-1764	605382	5421367	2.0	1.3	-3.0	7.98	10
1589	97RDD-1765	605625	5420871	1.8	1.2	-3.0	23.88	10

Site	Lake Sediment Sample #	EASTING NAD 27 UTM Zone 15	NORTHING method————→ detection limit————→ units————→	Pd	Pt	Au	LOI Grav. 0.01 %	Sample Weight g
				Fire Assay/ICP-MS				
				0.3	0.3	3.0		
				ppb	ppb	ppb		
1590	97RDD-1766	605593	5418919	2.0	1.1	4.5	13.39	10
1591	97RDD-1767	605337	5418517	1.7	1.0	-3.0	23.89	10
1592	97RDD-1768	605471	5417798	1.8	0.8	-3.0	69.84	10
1593	97RDD-1769	605670	5417728	3.7	1.8	-3.0	47.42	10
1594	97RDD-1771	605096	5417481	3.6	1.9	-3.0	64.12	3
1595	97RDD-1772	604481	5417433	1.6	0.5	-3.0	79.67	10
1596	97RDD-1773	604041	5416200	1.3	0.7	-3.0	68.87	6
1597	97RDD-1774	604037	5415714	2.1	0.9	-3.0	75.15	5
1598	97RDD-1775	608280	5411196	-0.3	-0.3	-3.0	64.55	8
1599	97RDD-1776	608272	5410775	1.0	0.6	-3.0	63.29	10
1600	97RDD-1777	608834	5410749	0.6	0.7	-3.0	63.43	10
1601	97RDD-1778	613516	5407456	0.8	-0.3	11.5	31.56	10
1602	97RDD-1779	616183	5404656	2.1	0.5	-3.0	42.49	10
1603	97RDD-1781	614881	5401271	2.0	0.5	-3.0	57.34	10
1604	97RDD-1782	612049	5403487	1.8	0.9	-3.0	55.77	10
1606	97RDD-1784	607468	5409938	1.2	1.0	-3.0	36.85	10
1608	97RDD-1786	601621	5412794	1.1	0.6	5.4	63.31	10
1609	97RDD-1787	601300	5413367	1.9	0.9	-3.0	55.54	10
1610	97RDD-1788	602805	5413630	0.7	0.6	-3.0	51.34	10
1611	97RDD-1789	602306	5415295	1.3	0.3	10.7	50.56	10
1612	97RDD-1791	602802	5416097	1.9	1.3	8.2	10.97	10
1613	97RDD-1792	603075	5416437	2.3	1.2	10.6	31.26	10
1614	97RDD-1793	602255	5419459	2.1	1.0	13.6	62.31	10
1615	97RDD-1794	603208	5419877	-0.3	-0.3	-3.0	16.63	10
1616	97RDD-1795	606183	5420819	2.1	1.6	8.4	7.68	10
1617	97RDD-1796	603231	5421003	-0.3	-0.3	-3.0	60.20	4.38
1618	97RDD-1797	602894	5420955	2.0	0.4	-3.0	38.17	10
1619	97RDD-1798	602619	5421548	-0.3	-0.3	-3.0	33.13	10
1620	97RDD-1799	603058	5421859	0.8	0.6	-3.0	54.50	10
1621	97RDD-1801	603217	5422824	-0.3	0.6	11.3	36.81	10
1622	97RDD-1802	501600	5422063	1.0	0.8	13.3	35.94	10
1623	97RDD-1803	600478	5420751	1.2	1.1	-3.0	27.09	10
1624	97RDD-1804	599843	5421389	0.5	0.8	8.2	21.25	10
1625	97RDD-1805	600309	5422771	-0.3	0.7	-3.0	42.16	10
1626	97RDD-1806	600573	5424241	-0.3	0.6	-3.0	46.50	10
1627	97RDD-1807	599768	5423339	-0.3	0.6	-3.0	44.68	10
1628	97RDD-1808	599092	5422279	0.6	0.6	-3.0	55.78	10
1629	97RDD-1809	598362	5422003	0.4	0.6	-3.0	38.89	10
1630	97RDD-1811	598588	5422454	0.4	0.6	-3.0	29.03	10
1631	97RDD-1812	599207	5423427	-0.3	0.5	-3.0	50.03	10
1632	97RDD-1813	599143	5423684	0.4	0.6	-3.0	47.49	10
1633	97RDD-1814	599219	5424388	0.6	0.7	-3.0	41.94	10
1634	97RDD-1815	598301	5423783	0.3	0.5	-3.0	51.04	10
1635	97RDD-1816	598063	5423897	0.4	0.4	-3.0	51.18	10
1636	97RDD-1817	597947	5424448	0.4	0.3	-3.0	44.15	10
1637	97RDD-1818	597908	5425374	0.8	0.5	-3.0	56.78	10
1638	97RDD-1819	598541	5425913	-0.3	0.4	-3.0	49.48	10
1639	97RDD-1821	598684	5426260	0.5	0.4	-3.0	61.25	10
1640	97RDD-1822	599569	5425489	0.5	0.5	-3.0	46.97	10
1641	97RDD-1823	600341	5425245	0.7	0.6	-3.0	46.29	10
1642	97RDD-1824	600977	5426087	0.5	0.5	-3.0	58.32	10
1643	97RDD-1825	600108	5426515	0.6	0.7	-3.0	48.00	10
1644	97RDD-1826	600757	5427435	0.5	0.6	-3.0	55.30	10
1645	97RDD-1827	598732	5427248	-0.3	-0.3	-3.0	48.04	10

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI	Sample
		NAD 27	method→	Fire Assay/ICP-MS			Grav.	Weight
		UTM Zone 15	detection limit→	0.3	0.3	3.0	0.01	
			units→	ppb	ppb	ppb	%	g
1646	97RDD-1828	598123	5426701	0.4	0.4	-3.0	45.76	10
1647	97RDD-1829	598324	5427520	0.6	0.7	-3.0	48.95	10
1648	97RDD-1831	596975	5427811	0.8	0.9	4.4	48.84	10
1649	97RDD-1832	597060	5427399	0.7	0.7	-3.0	55.00	10
1650	97RDD-1833	597006	5426532	0.6	0.6	4.2	57.67	10
1651	97RDD-1834	596459	5426657	0.8	0.5	-3.0	64.48	10
1652	97RDD-1835	595562	5426982	0.5	0.5	6.9	51.35	10
1653	97RDD-1836	595198	5427754	1.9	1.4	13.7	11.75	10
1654	97RDD-1837	594180	5427023	0.4	0.6	13.7	24.71	10
1656	97RDD-1839	593459	5425386	0.4	0.6	-3.0	40.97	10
1657	97RDD-1841	592020	5425444	0.8	0.7	5.6	38.21	10
1658	97RDD-1842	592365	5424712	0.7	0.8	4.3	36.56	10
1659	97RDD-1843	592286	5424102	0.5	0.6	-3.0	53.12	10
1660	97RDD-1844	592740	5424185	-0.3	0.5	11.6	50.04	10
1661	97RDD-1845	593316	5424410	0.4	0.5	-3.0	51.01	10
1662	97RDD-1846	593706	5424366	0.5	0.4	-3.0	59.87	10
1663	97RDD-1847	594794	5424675	0.5	0.5	-3.0	51.99	10
1664	97RDD-1848	593978	5425743	-0.3	0.4	4.7	47.38	10
1665	97RDD-1849	594390	5425904	0.5	0.7	9.1	47.13	10
1666	97RDD-1851	595474	5425648	-0.3	0.5	3.4	43.02	10
1667	97RDD-1852	596049	5424935	0.5	0.4	4.4	52.54	10
1668	97RDD-1853	596373	5424418	0.6	0.5	-3.0	61.68	10
1669	97RDD-1854	595340	5423812	-0.3	0.4	7.6	53.12	10
1670	97RDD-1855	595836	5422647	-0.3	0.5	-3.0	46.48	10
1671	97RDD-1856	596799	5422934	-0.3	0.5	3.4	43.97	10
1672	97RDD-1857	596986	5423788	0.5	0.6	7.2	49.60	10
1673	97RDD-1858	596974	5424488	-0.3	0.5	-3.0	51.54	10
1674	97RDD-1859	597406	5424280	-0.3	-0.3	-3.0	52.05	10
1675	97RDD-1861	597294	5423539	-0.3	0.4	-3.0	64.11	10
1676	97RDD-1862	597466	5422085	-0.3	0.3	-3.0	29.03	10
1677	97RDD-1863	597130	5421564	0.7	0.5	13.3	53.17	10
1678	97RDD-1864	596819	5421148	-0.3	0.5	-3.0	34.17	10
1679	97RDD-1865	596895	5420252	-0.3	0.4	8.1	41.94	10
1680	97RDD-1866	597453	5420096	-0.3	0.4	-3.0	54.61	10
1681	97RDD-1867	597739	5419506	0.6	0.7	-3.0	51.16	10
1682	97RDD-1868	599885	5419619	0.5	0.4	-3.0	23.53	10
1683	97RDD-1869	599601	5418806	2.6	0.6	-3.0	58.08	10
1684	97RDD-1871	600472	5419221	-0.3	0.4	-3.0	20.36	10
1685	97RDD-1872	600756	5419136	1.0	0.6	-3.0	65.31	10
1686	97RDD-1873	601192	5418748	2.1	0.7	-3.0	35.41	10
1687	97RDD-1874	600408	5418304	2.2	1.3	-3.0	53.30	10
1690	97RDD-1877	600109	5411038	1.2	0.8	14.5	58.32	10
1691	97RDD-1878	600488	5410796	1.1	0.9	-3.0	43.48	10
1692	97RDD-1879	602552	5410469	2.5	1.0	-3.0	50.91	10
1695	97RDD-1883	608171	5407963	0.5	0.4	6.0	48.40	10
1696	97RDD-1884	612145	5404700	1.7	0.8	15.3	62.22	10
1697	97RDD-1885	613275	5404096	0.4	0.5	-3.0	58.56	10
1698	97RDD-1886	617890	5407403	-0.3	0.4	-3.0	33.03	10
1699	97RDD-1887	616820	5408426	-0.3	0.4	4.0	53.03	10
1700	97RDD-1888	615994	5409174	0.9	1.1	3.9	33.06	10
1701	97RDD-1889	615254	5409488	1.4	1.0	7.8	35.99	10
1702	97RDD-1891	608395	5410223	0.9	0.5	11.3	59.28	10
1703	97RDD-1892	607601	5410674	0.9	1.1	-3.0	45.44	10
1704	97RDD-1893	607945	5409360	0.3	0.6	-3.0	33.02	10

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI Grav. 0.01 %	Sample Weight g
		NAD 27 UTM Zone 15	method→	Fire Assay/ICP-MS				
			detection limit→	0.3	0.3	3.0		
			units→	ppb	ppb	ppb		
1707	97RDD-1896	599476	5410335	1.1	-0.3	-3.0	64.18	6
1708	97RDD-1897	597684	5414814	0.6	0.6	13.7	43.90	10
1709	97RDD-1898	597909	5415365	-0.3	0.5	5.2	44.00	10
1710	97RDD-1899	598624	5417135	0.4	-0.3	5.6	36.57	10
1711	97RDD-1901	599080	5417340	-0.3	-0.3	-3.0	70.80	4
1712	97RDD-1902	599623	5417181	0.6	0.3	4.6	57.26	10
1713	97RDD-1903	599376	5417511	-0.3	-0.3	-3.0	58.07	10
1714	97RDD-1904	599560	5417906	3.2	0.9	10.2	58.57	10
1715	97RDD-1905	598928	5418058	1.2	0.7	10.5	62.03	10
1716	97RDD-1906	597320	5417751	-0.3	0.5	3.4	37.81	10
1718	97RDD-1908	595815	5419018	0.9	0.7	12.3	47.60	10
1719	97RDD-1909	595105	5419841	0.7	0.6	-3.0	38.57	10
1720	97RDD-1911	594405	5419793	0.6	0.5	-3.0	53.66	10
1721	97RDD-1912	594545	5420576	0.8	-0.3	15.5	61.10	10
1722	97RDD-1913	595930	5421152	0.3	0.5	-3.0	48.31	10
1724	97RDD-1915	593497	5423625	0.7	0.7	3.9	47.47	10
1725	97RDD-1916	592200	5423597	1.0	0.8	-3.0	51.58	10
1726	97RDD-1917	590928	5422278	1.1	0.7	11.2	47.93	10
1727	97RDD-1918	589719	5421376	0.7	0.5	-3.0	70.96	10
1729	97RDD-1921	590170	5423806	0.4	0.5	-3.0	31.47	10
1730	97RDD-1922	590434	5424424	0.6	0.6	-3.0	42.17	10
1731	97RDD-1923	591174	5424593	0.4	0.5	3.4	44.55	10
1732	97RDD-1924	591001	5425187	-0.3	0.5	-3.0	47.82	10
1733	97RDD-1925	590834	5426782	-0.3	0.4	3.6	41.28	10
1734	97RDD-1926	591284	5427519	0.3	0.4	-3.0	56.47	10
1735	97RDD-1927	587933	5427245	-0.3	0.5	3.6	42.21	10
1736	97RDD-1928	587933	5427245	-0.3	0.3	-3.0	41.99	10
1737	97RDD-1929	586083	5427252	-0.3	0.7	4.1	28.76	10
1738	97RDD-1931	585481	5427395	0.4	0.7	-3.0	55.71	10
1739	97RDD-1932	582631	5426731	-0.3	-0.3	-3.0	24.37	10
1740	97RDD-1933	583006	5424666	-0.3	0.5	3.8	64.66	10
1741	97RDD-1934	583016	5424147	-0.3	0.3	-3.0	38.45	10
1742	97RDD-1935	581911	5423633	-0.3	0.7	-3.0	63.66	5
1743	97RDD-1936	580784	5423768	-0.3	0.6	-3.0	53.27	10
1744	97RDD-1937	580803	5424521	1.8	1.8	3.6	39.68	10
1745	97RDD-1938	580832	5425498	0.3	0.7	-3.0	44.56	10
1746	97RDD-1939	581676	5426679	-0.3	0.7	-3.0	48.26	10
1747	97RDD-1941	581118	5427563	-0.3	0.6	-3.0	67.31	10
1748	97RDD-1942	580561	5427442	-0.3	0.6	-3.0	57.80	10
1749	97RDD-1943	580013	5426912	-0.3	0.6	-3.0	50.00	10
1750	97RDD-1944	579675	5426133	-0.3	-0.3	-3.0	59.26	4
1751	97RDD-1945	579857	5425550	-0.3	0.5	-3.0	23.12	10
1752	97RDD-1946	579261	5425320	0.3	0.6	5.1	41.43	10
1753	97RDD-1947	577188	5424326	-0.3	0.4	-3.0	29.11	10
1754	97RDD-1948	575926	5424065	-0.3	-0.3	-3.0	50.00	10
1755	97RDD-1949	578523	5424082	-0.3	-0.3	-3.0	16.85	10
1756	97RDD-1951	579798	5423431	0.7	0.5	-3.0	39.84	10
1757	97RDD-1952	580868	5420221	0.5	0.4	-3.0	43.43	10
1758	97RDD-1953	581692	5420363	-0.3	-0.3	-3.0	32.94	10
1759	97RDD-1954	582718	5420407	0.5	0.6	-3.0	53.89	10
1760	97RDD-1955	582589	5420908	0.6	0.7	-3.0	55.91	10
1761	97RDD-1956	583224	5421202	-0.3	0.6	4.8	23.03	10
1762	97RDD-1957	586177	5421293	0.5	0.5	-3.0	42.48	10
1763	97RDD-1958	586021	5420714	0.3	0.4	-3.0	56.11	10

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI	Sample Weight
		NAD 27 UTM Zone 15	method—————>	Fire Assay/ICP-MS			Grav. 0.01 %	
			detection limit————>	0.3	0.3	3.0		
				units—————>	ppb	ppb		
1764	97RDD-1959	586082	5419610	-0.3	0.5	-3.0	47.62	10
1765	97RDD-1961	586803	5419535	0.3	0.5	4.0	40.73	10
1766	97RDD-1962	587356	5418719	0.5	0.5	-3.0	51.38	10
1767	97RDD-1963	590307	5418617	-0.3	0.4	-3.0	44.35	10
1768	97RDD-1964	591907	5416695	0.6	0.6	5.4	54.96	10
1769	97RDD-1965	592770	5415956	-0.3	-0.3	-3.0	51.66	8
1770	97RDD-1966	593144	5417435	0.5	0.4	-3.0	24.72	10
1772	97RDD-1968	594665	5417346	0.7	0.7	4.6	14.09	10
1773	97RDD-1969	594708	5418651	0.5	1.7	-3.0	53.56	10
1774	97RDD-1971	596920	5417219	-0.3	0.5	-3.0	37.46	10
1776	97RDD-1973	598986	5409568	1.1	-0.3	-3.0	65.18	6
1779	97RDD-1976	617154	5405971	1.0	0.7	6.4	39.07	10
1780	97RDD-1977	616501	5406585	0.7	0.7	4.5	61.11	10
1781	97RDD-1978	615837	5407337	0.7	0.6	-3.0	56.39	10
1782	97RDD-1979	614703	5407685	0.7	0.6	-3.0	47.20	10
1784	97RDD-1982	608640	5408703	0.6	0.6	5.0	51.36	10
1785	97RDD-1983	605813	5407501	1.0	0.6	-3.0	60.67	10
1786	97RDD-1984	605872	5407190	1.4	0.7	9.9	68.90	10
1787	97RDD-1985	602442	5404981	1.9	1.2	11.0	49.83	10
1788	97RDD-1986	601862	5405302	2.5	1.3	7.7	54.65	10
1789	97RDD-1987	598007	5407064	2.2	1.5	5.9	24.80	10
1792	97RDD-1991	595946	5410337	1.6	0.8	8.9	56.35	10
1793	97RDD-1992	597507	5415739	1.2	0.7	-3.0	67.76	10
1794	97RDD-1993	598265	5416181	1.4	0.8	3.1	46.67	10
1795	97RDD-1994	598260	5416551	-0.3	0.6	3.2	31.05	10
1796	97RDD-1995	598110	5416885	-0.3	-0.3	3.1	27.17	10
1797	97RDD-1996	596416	5416570	1.1	0.3	12.0	33.52	10
1798	97RDD-1997	595367	5416515	0.4	0.7	5.3	38.28	10
1799	97RDD-1998	594436	5416067	-0.3	0.4	-3.0	37.15	10
1800	97RDD-1999	593885	5414755	0.5	0.7	4.4	50.13	10
1801	97RDD-2001	588406	5415926	0.5	0.7	4.1	30.64	10
1802	97RDD-2002	587534	5416232	-0.3	-0.3	-3.0	12.77	10
1803	97RDD-2003	586865	5416392	0.6	-0.3	-3.0	34.45	10
1804	97RDD-2004	586274	5415497	-0.3	-0.3	-3.0	28.24	10
1805	97RDD-2005	586383	5415071	-0.3	0.3	-3.0	33.33	10
1806	97RDD-2006	586057	5418883	-0.3	0.5	-3.0	54.18	10
1807	97RDD-2007	585004	5418742	0.3	-0.3	-3.0	29.80	10
1809	97RDD-2009	579041	5419099	-0.3	0.4	-3.0	45.03	10
1811	97RDD-2012	578813	5418156	0.6	0.3	-3.0	30.52	10
1812	97RDD-2013	577255	5417464	-0.3	-0.3	-3.0	43.34	10
1813	97RDD-2014	577436	5416053	-0.3	-0.3	-3.0	14.60	10
1814	97RDD-2015	579022	5414935	-0.3	0.4	11.8	38.25	10
1815	97RDD-2016	575552	5414899	-0.3	0.5	8.5	62.40	10
1816	97RDD-2017	576115	5414191	-0.3	-0.3	5.1	62.83	10
1817	97RDD-2018	577469	5411396	-0.3	-0.3	-3.0	35.32	10
1818	97RDD-2019	582411	5410840	0.8	1.0	-3.0	23.73	10
1819	97RDD-2021	582911	5410983	0.8	0.6	-3.0	27.37	10
1820	97RDD-2022	582225	5408967	-0.3	-0.3	-3.0	22.46	10
1821	97RDD-2023	583040	5408998	0.4	-0.3	3.5	70.80	10
1822	97RDD-2024	583310	5409524	1.0	0.6	3.0	40.92	10
1823	97RDD-2025	583639	5409777	1.0	0.6	-3.0	41.06	10
1824	97RDD-2026	584700	5409789	-0.3	0.4	-3.0	32.87	10
1825	97RDD-2027	585478	5409941	0.6	0.5	-3.0	42.17	10
1826	97RDD-2028	583749	5410972	0.6	0.5	-3.0	39.98	10

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI	Sample Weight
		NAD 27	method—————>	Fire Assay/ICP-MS			Grav.	
		UTM Zone 15	detection limit————>	0.3	0.3	3.0	0.01	
			units—————>	ppb	ppb	ppb	%	g
1827	97RDD-2029	582835	5412346	0.5	-0.3	-3.0	11.11	10
1828	97RDD-2031	582164	5412557	0.4	0.4	3.7	44.67	10
1829	97RDD-2032	582628	5413277	1.3	0.8	-3.0	24.46	10
1830	97RDD-2033	583500	5412759	-0.3	0.7	-3.0	29.39	10
1831	97RDD-2034	584581	5412825	0.6	0.8	8.4	30.86	10
1832	97RDD-2035	584655	5412028	0.6	0.7	13.8	32.05	10
1833	97RDD-2036	587462	5411192	0.9	0.8	9.4	21.47	10
1834	97RDD-2037	589713	5412597	0.9	0.9	-3.0	33.70	10
1835	97RDD-2038	589849	5410995	0.9	0.8	7.5	19.31	10
1836	97RDD-2039	589370	5410437	0.8	0.8	19.0	40.33	10
1837	97RDD-2041	587979	5409454	1.3	1.0	8.4	41.85	10
1838	97RDD-2042	588501	5408872	1.1	1.0	13.8	31.35	10
1839	97RDD-2043	588845	5408589	0.5	0.6	7.4	43.50	10
1840	97RDD-2044	589861	5408982	0.5	0.6	5.8	58.74	10
1841	97RDD-2045	590342	5408640	0.5	0.6	7.3	59.10	10
1842	97RDD-2046	590433	5409295	0.6	0.7	5.9	56.71	10
1843	97RDD-2047	590661	5409670	0.6	0.5	11.1	52.76	10
1844	97RDD-2048	590903	5410321	0.4	0.5	6.3	50.87	10
1845	97RDD-2049	592753	5411531	0.8	0.6	6.6	43.27	10
1846	97RDD-2051	594876	5409225	1.2	0.7	17.5	56.45	10
1847	97RDD-2052	594171	5409473	2.7	1.6	10.5	21.43	10
1848	97RDD-2053	593518	5408817	0.9	0.9	5.4	36.11	10
1849	97RDD-2054	593301	5407474	-0.3	0.5	3.7	46.71	10
1850	97RDD-2055	592277	5407685	1.4	1.0	-3.0	30.45	10
1851	97RDD-2056	592298	5406998	0.9	0.9	16.3	30.48	10
1852	97RDD-2057	591606	5407039	0.7	0.9	-3.0	30.06	10
1853	97RDD-2058	590452	5406833	0.6	0.8	-3.0	30.75	10
1854	97RDD-2059	589464	5406431	1.0	1.0	-3.0	31.54	10
1855	97RDD-2061	589684	5405487	0.6	0.5	-3.0	51.80	10
1856	97RDD-2062	590336	5404940	0.7	0.8	-3.0	43.01	10
1857	97RDD-2063	591119	5404708	0.4	0.5	-3.0	72.66	10
1858	97RDD-2064	592551	5404572	1.6	1.3	-3.0	30.87	10
1859	97RDD-2065	596429	5404199	2.0	1.4	-3.0	21.15	10
1861	97RDD-2067	601668	5404676	1.6	1.0	3.9	58.55	10
1862	97RDD-2068	601871	5404509	1.0	0.9	-3.0	68.87	10
1863	97RDD-2069	604363	5404398	3.3	2.1	-3.0	38.94	10
1866	97RDD-2073	611409	5405430	0.7	0.8	-3.0	54.54	10
1867	97RDD-2074	613448	5404623	1.9	1.6	-3.0	56.15	10
1868	97RDD-2075	615017	5406048	0.6	0.6	-3.0	46.32	10
1869	97RDD-2076	614372	5406870	1.3	1.0	-3.0	79.15	10
1870	97RDD-2077	613924	5406232	-0.3	0.6	-3.0	64.47	10
1872	97RDD-2079	605193	5404100	2.8	1.4	-3.0	50.08	10
1873	97RDD-2081	602277	5403664	1.0	0.7	-3.0	53.33	10
1875	97RDD-2083	598733	5404170	3.8	2.3	5.7	40.27	10
1877	97RDD-2085	593247	5403212	2.0	1.3	5.0	9.55	10
1878	97RDD-2086	591871	5403614	2.0	1.1	8.4	48.45	10
1879	97RDD-2087	589257	5403909	0.5	0.4	4.9	69.71	10
1880	97RDD-2088	587662	5404600	0.9	0.9	-3.0	29.54	10
1881	97RDD-2089	588011	5405308	1.0	1.0	5.3	22.34	10
1882	97RDD-2091	586904	5405124	1.6	1.4	4.8	31.42	10
1883	97RDD-2092	586337	5406028	0.6	0.5	-3.0	48.64	10
1884	97RDD-2093	587588	5406925	1.0	0.8	4.5	18.87	10
1885	97RDD-2094	588000	5408001	1.2	1.1	7.7	16.10	10
1886	97RDD-2095	586086	5407828	0.7	0.7	5.1	45.41	10

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI	Sample Weight
		NAD 27 UTM Zone 15	method————→	Fire Assay/ICP-MS			Grav. 0.01 %	
			detection limit————→	0.3	0.3	3.0		
				units————→	ppb	ppb		
1887	97RDD-2096	584768	5406710	0.6	0.6	5.4	43.20	10
1888	97RDD-2097	583036	5406842	0.9	0.5	3.9	57.84	10
1889	97RDD-2098	581959	5406186	0.4	0.4	3.0	50.58	10
1890	97RDD-2099	581354	5406091	0.6	0.4	-3.0	52.99	10
1891	97RDD-2101	580728	5405600	0.8	0.3	-3.0	66.57	10
1892	97RDD-2102	579982	5406786	0.3	0.4	-3.0	57.07	10
1893	97RDD-2103	574458	5404547	0.5	-0.3	-3.0	72.53	10
1894	97RDD-2104	574304	5403604	1.0	0.4	-3.0	49.09	10
1895	97RDD-2105	575152	5403196	1.3	0.7	-3.0	56.08	10
1896	97RDD-2106	576149	5402959	1.8	0.9	-3.0	62.84	10
1897	97RDD-2107	575713	5401562	2.1	1.0	-3.0	47.35	10
1898	97RDD-2108	574035	5400555	2.9	0.8	-3.0	60.18	10
1899	97RDD-2109	576465	5401110	3.3	1.7	6.2	38.68	10
1900	97RDD-2111	577490	5401361	2.1	0.8	-3.0	51.52	10
1901	97RDD-2112	578377	5401317	4.2	1.9	-3.0	40.40	10
1902	97RDD-2113	579160	5401863	1.8	0.9	3.1	69.20	10
1903	97RDD-2114	578395	5402628	3.4	1.9	-3.0	56.59	10
1904	97RDD-2115	578989	5403365	-0.3	-0.3	-3.0	65.37	9.53
1905	97RDD-2116	578442	5403343	1.3	1.0	7.1	70.55	10
1906	97RDD-2117	577831	5403180	2.7	1.3	3.9	69.77	10
1907	97RDD-2118	576964	5403327	2.4	1.0	-3.0	59.07	10
1908	97RDD-2119	577409	5403616	0.9	0.4	-3.0	57.55	10
1909	97RDD-2121	577712	5403789	1.6	0.8	-3.0	57.33	10
1910	97RDD-2122	578271	5404465	1.1	0.6	3.6	66.65	10
1911	97RDD-2123	578661	5405115	1.0	0.6	-3.0	56.74	10
1912	97RDD-2124	579258	5404576	0.8	0.5	4.9	56.01	10
1913	97RDD-2125	579370	5403875	0.9	0.4	-3.0	67.25	10
1914	97RDD-2126	579937	5403988	0.8	-0.3	-3.0	69.09	10
1915	97RDD-2127	580219	5404883	0.4	-0.3	-3.0	57.03	10
1916	97RDD-2128	581600	5404212	0.6	0.4	-3.0	73.17	9
1917	97RDD-2129	580787	5403707	1.2	0.7	-3.0	49.03	10
1918	97RDD-2131	580440	5402692	1.2	0.8	-3.0	38.71	10
1919	97RDD-2132	580080	5401783	2.3	1.4	5.9	57.73	10
1920	97RDD-2133	579362	5401146	2.4	1.6	-3.0	54.02	10
1921	97RDD-2134	579886	5400805	1.4	0.9	-3.0	64.97	10
1922	97RDD-2135	579804	5400509	2.6	1.5	-3.0	62.68	10
1923	97RDD-2136	580728	5400253	2.1	1.0	-3.0	70.09	10
1924	97RDD-2137	581385	5401161	0.6	0.5	-3.0	64.99	10
1925	97RDD-2138	581420	5402198	1.2	0.7	-3.0	46.53	10
1926	97RDD-2139	582128	5402600	1.3	0.8	-3.0	51.27	10
1927	97RDD-2141	582150	5402051	1.2	0.7	7.7	58.70	10
1928	97RDD-2142	582019	5400573	1.4	0.8	-3.0	48.94	10
1929	97RDD-2143	583190	5400446	1.6	1.0	-3.0	54.50	10
1930	97RDD-2144	583187	5400443	2.2	1.7	-3.0	10.18	10
1931	97RDD-2145	586450	5400465	3.6	2.6	-3.0	16.41	10
1932	97RDD-2146	590618	5400526	1.1	0.6	10.7	57.22	10
1934	97RDD-2148	602858	5403070	4.9	2.6	-3.0	57.75	10
1935	97RDD-2149	606224	5402450	1.5	0.8	-3.0	36.73	10
1936	97RDD-2151	610059	5402538	1.4	0.6	-3.0	71.34	10
1937	97RDD-2152	611514	5402951	1.6	0.6	-3.0	45.79	10
1938	97RDD-2153	612567	5403343	1.2	-0.3	-3.0	63.02	10
1939	97RDD-2154	637712	5405646	1.9	1.3	3.7	53.70	10
1940	97RDD-2155	636644	5404690	0.5	-0.3	-3.0	75.42	10
1941	97RDD-2156	638560	5405808	0.6	-0.3	-3.0	30.11	10

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI	Sample Weight
		NAD 27	method----->	Fire Assay/ICP-MS			Grav.	
		UTM Zone 15	detection limit----->	0.3	0.3	3.0	0.01	
			units----->	ppb	ppb	ppb	%	g
1942	97RDD-2157	638096	5405933	0.9	-0.3	-3.0	68.06	10
1943	97RDD-2158	636820	5402514	1.4	0.7	-3.0	45.37	10
1944	97RDD-2159	635717	5402572	-0.3	-0.3	-3.0	56.69	10
1945	97RDD-2161	635335	5402499	0.5	0.4	-3.0	45.57	10
1946	97RDD-2162	631643	5403481	-0.3	-0.3	3.2	61.95	10
1947	97RDD-2163	631097	5403981	-0.3	-0.3	-3.0	41.81	10
1948	97RDD-2164	631576	5404588	0.8	-0.3	3.4	66.10	10
1949	97RDD-2165	631886	5405158	0.8	-0.3	-3.0	39.07	10
1950	97RDD-2166	632049	5405759	1.4	-0.3	-3.0	64.87	10
1951	97RDD-2167	632214	5406464	0.4	-0.3	-3.0	47.96	10
1954	97RDD-2171	632411	5408871	-0.3	0.7	-3.0	62.44	10
1955	97RDD-2172	630177	5404383	0.4	0.4	-3.0	54.71	10
1956	97RDD-2173	631697	5402768	-0.3	-0.3	-3.0	48.73	10
1957	97RDD-2174	632041	5409666	-0.3	-0.3	-3.0	46.19	10
1958	97RDD-2175	630048	5409055	0.5	0.4	3.7	19.54	10
1959	97RDD-2176	612736	5400920	0.6	0.7	-3.0	36.03	10
1960	97RDD-2177	612026	5401217	-0.3	0.7	-3.0	20.00	10
1961	97RDD-2178	610614	5402726	1.1	1.1	-3.0	44.73	10
1962	97RDD-2179	609074	5402212	0.7	0.8	-3.0	62.31	10
1963	97RDD-2181	607573	5401923	0.7	0.8	-3.0	67.05	10
1964	97RDD-2182	605979	5401660	0.4	0.7	-3.0	60.58	10
1965	97RDD-2183	603949	5402881	0.4	0.5	-3.0	64.45	10
1966	97RDD-2184	591964	5400304	2.1	1.8	-3.0	42.31	10
1967	97RDD-2185	590269	5402305	0.7	1.0	-3.0	60.41	10
1968	97RDD-2186	586077	5402341	1.0	0.6	-3.0	56.52	10
1969	97RDD-2187	584227	5402290	2.3	1.7	-3.0	53.39	10
1970	97RDD-2188	583415	5402469	1.4	1.3	3.6	50.04	10
1971	97RDD-2189	582628	5403768	-0.3	0.4	-3.0	49.56	10
1972	97RDD-2191	582433	5404713	0.7	0.5	3.4	63.92	10
1973	97RDD-2192	582133	5405126	0.9	0.6	-3.0	61.22	10
1974	97RDD-2193	582754	5405748	0.5	0.6	13.4	59.81	10
1975	97RDD-2194	583446	5404907	0.5	0.4	-3.0	71.59	10
1976	97RDD-2195	583632	5404212	1.1	0.6	3.7	74.64	10
1977	97RDD-2196	584574	5404621	1.2	0.9	-3.0	58.18	10
1978	97RDD-2197	585777	5403222	1.1	0.5	-3.0	57.12	10
1979	97RDD-2198	589621	5402238	0.8	0.3	-3.0	59.40	10
1980	97RDD-2199	592263	5402285	1.8	2.1	-3.0	11.09	10
1981	97RDD-2201	590643	5416473	0.7	0.7	-3.0	17.01	10
1982	97RDD-2202	590121	5415953	0.7	0.6	-3.0	17.63	10
1983	97RDD-2203	588629	5415083	0.7	0.6	-3.0	20.56	10
1984	97RDD-2204	588096	5413888	1.8	1.0	-3.0	13.07	10
1987	97RDD-2207	590684	5414886	0.8	0.7	-3.0	12.53	10
1988	97RDD-2208	591576	5414776	0.8	0.8	-3.0	13.52	10
1989	97RDD-2209	592334	5414148	1.0	0.8	-3.0	8.05	10
1990	97RDD-2211	593437	5413419	1.1	0.9	-3.0	8.38	10
1991	97RDD-2212	594048	5412215	1.3	1.0	-3.0	5.95	10
1994	97RDD-2215	577190	5420511	1.8	0.9	-3.0	13.74	10
1996	97RDD-2217	574080	5422074	-0.3	-0.3	-3.0	21.04	10
1998	97RDD-2219	580051	5422385	0.6	0.5	5.5	13.66	10
1999	97RDD-2221	580764	5421511	0.6	0.4	-3.0	17.39	10
2000	97RDD-2222	582555	5422737	1.1	0.7	-3.0	11.95	10
2001	97RDD-2223	582600	5422750	1.3	0.8	-3.0	27.43	10
2003	97RDD-2225	584508	5422431	-0.3	0.3	-3.0	24.01	10
2004	97RDD-2226	584247	5420900	0.5	0.5	-3.0	28.02	10

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI Grav. 0.01 %	Sample Weight g
		NAD 27 UTM Zone 15	method—————→ detection limit————→ units—————→	Fire Assay/ICP-MS				
				0.3	0.3	3.0		
				ppb	ppb	ppb		
2007	97RDD-2229	585399	5425664	0.5	0.6	-3.0	13.31	10
2008	97RDD-2231	585711	5424840	-0.3	-0.3	-3.0	14.45	10
2009	97RDD-2232	586307	5425956	-0.3	-0.3	-3.0	7.70	10
2010	97RDD-2233	586920	5425344	0.7	0.6	-3.0	13.02	10
2012	97RDD-2235	590059	5426263	0.7	0.6	-3.0	6.81	10
2013	97RDD-2236	591369	5426574	0.5	0.5	-3.0	12.55	10
2014	97RDD-2237	592492	5425933	0.7	0.6	-3.0	10.79	10
2015	97RDD-2238	592896	5427544	0.4	0.5	-3.0	5.80	10
2019	97RDD-2243	587087	5422256	0.6	0.6	-3.0	23.76	10
2020	97RDD-2244	591592	5417757	1.4	1.2	-3.0	20.65	10
2021	97RDD-2245	592876	5418660	1.4	0.9	-3.0	15.09	10
2022	97RDD-2246	593654	5420292	0.5	0.6	-3.0	18.97	10
2023	97RDD-2247	594480	5421841	0.6	0.6	-3.0	11.42	10
2024	97RDD-2248	592708	5422061	0.6	0.5	-3.0	12.13	10
2025	97RDD-2249	592483	5420846	1.0	0.7	-3.0	10.74	10
2027	97RDD-2252	590907	5420760	0.7	0.6	-3.0	16.49	10
2029	97RDD-2254	588488	5419570	0.8	0.7	-3.0	18.90	10
2031	97RDD-2256	588660	5421780	1.3	0.8	-3.0	19.10	10
2032	97RDD-2257	589579	5422911	0.5	0.6	-3.0	19.32	10
2035	97RDD-2261	584917	5417404	0.7	0.7	-3.0	30.05	10
2036	97RDD-2262	583788	5416893	0.4	0.7	-3.0	17.28	10
2038	97RDD-2264	581713	5417079	0.4	0.5	-3.0	42.51	10
2039	97RDD-2265	583416	5415284	0.4	0.6	-3.0	31.96	10
2040	97RDD-2266	582351	5415786	0.5	0.4	-3.0	29.51	10
2041	97RDD-2267	582367	5414777	0.4	0.4	-3.0	20.59	10
2043	97RDD-2269	601733	5417852	2.1	1.2	-3.0	14.05	10
2047	97RDD-2274	606721	5420474	2.6	1.6	-3.0	18.58	10
2048	97RDD-2275	606644	5421646	2.6	1.4	-3.0	23.76	10
2049	97RDD-2276	607721	5421681	2.0	1.2	-3.0	26.14	10
2050	97RDD-2277	604923	5420351	2.5	1.3	-3.0	11.17	10
2051	97RDD-2278	639231	5405207	2.5	1.9	-3.0	17.30	10
2053	97RDD-2281	642629	5405245	1.6	1.4	-3.0	15.95	10
2054	97RDD-2282	646028	5405396	1.6	1.5	-3.0	12.87	10
2055	97RDD-2283	645483	5404139	2.6	1.6	-3.0	21.13	10
2057	97RDD-2285	642808	5403670	3.0	2.1	3.0	12.37	10
2060	97RDD-2288	633101	5405552	1.8	1.2	-3.0	29.97	10
2063	97RDD-2292	657420	5411131	3.3	2.1	-3.0	16.70	10
2065	97RDD-2294	658820	5412547	1.6	1.4	-3.0	18.70	10
2066	97RDD-2295	660262	5414456	1.5	1.3	-3.0	9.49	10
2068	97RDD-2297	662627	5415050	2.5	2.6	-3.0	9.29	10
2069	97RDD-2298	661374	5416145	2.1	1.4	-3.0	31.69	10
2070	97RDD-2299	657569	5414231	1.8	1.6	-3.0	12.52	10
2072	97RDD-2302	655785	5412733	2.0	1.8	-3.0	9.24	10
2073	97RDD-2303	655258	5414190	1.8	1.2	-3.0	30.91	10
2074	97RDD-2304	655675	5414689	1.4	1.1	-3.0	26.08	10
2075	97RDD-2305	657100	5416627	2.0	1.7	12.2	19.82	10
2076	97RDD-2306	654178	5416225	0.6	0.7	-3.0	26.30	10
2077	97RDD-2307	654197	5414692	1.1	0.8	-3.0	30.08	10
2078	97RDD-2308	655471	5415998	0.7	0.8	-3.0	26.20	10
2080	97RDD-2311	639928	5415599	2.1	1.2	-3.0	12.35	10
2081	97RDD-2312	640798	5415180	1.9	1.6	-3.0	7.88	10
2082	97RDD-2313	639485	5413517	2.1	1.8	-3.0	17.97	10
2083	97RDD-2314	638311	5412562	1.6	1.4	-3.0	23.22	10
2084	97RDD-2315	637577	5411468	1.6	1.4	-3.0	20.99	10

Site	Lake Sediment Sample #	EASTING	NORTHING	Pd	Pt	Au	LOI Grav. 0.01 %	Sample Weight g
		NAD 27 UTM Zone 15	method—————>	Fire Assay/ICP-MS				
			detection limit————>	0.3	0.3	3.0		
			units—————>	ppb	ppb	ppb		
2085	97RDD-2316	636004	5410674	3.2	2.1	-3.0	20.90	10
2086	97RDD-2317	636857	5409591	1.5	1.4	-3.0	19.91	10
2087	97RDD-2318	636363	5408984	1.3	1.2	-3.0	23.03	10
2088	97RDD-2319	635425	5407504	1.7	1.2	-3.0	23.35	10
2089	97RDD-2321	636950	5408003	2.2	1.3	-3.0	23.81	10
2090	97RDD-2322	639216	5407494	1.3	0.7	-3.0	27.91	10
2092	97RDD-2324	642314	5408534	1.4	0.7	-3.0	26.27	10
2093	97RDD-2325	643934	5410171	1.6	1.2	-3.0	22.59	10
2095	97RDD-2327	645974	5411794	1.5	0.9	-3.0	29.42	10
2096	97RDD-2328	638530	5409494	3.8	1.9	-3.0	26.81	10
2097	97RDD-2329	637797	5409505	4.6	1.6	-3.0	49.62	10
2098	97RDD-2331	638252	5410632	1.6	1.2	-3.0	16.23	10
2101	97RDD-2334	604445	5415052	1.3	0.3	-3.0	59.25	10
2102	97RDD-2335	605000	5416035	2.3	0.9	-3.0	51.35	10
2108	97RDD-2342	606633	5417732	1.7	0.7	-3.0	40.13	10
2109	97RDD-2343	606946	5417559	1.6	1.2	-3.0	23.23	10
2111	97RDD-2345	610009	5416163	1.8	1.1	13.6	22.66	10
2113	97RDD-2347	608300	5414697	2.3	1.7	-3.0	21.53	10
2115	97RDD-2349	609612	5413230	1.7	0.9	-3.0	21.98	10
2116	97RDD-2351	610610	5412894	2.1	1.8	-3.0	15.66	10
2117	97RDD-2352	611461	5413046	1.6	0.9	-3.0	30.84	10
2119	97RDD-2354	611178	5407586	1.1	1.1	-3.0	42.35	10
2120	97RDD-2355	611814	5408615	2.0	1.6	-3.0	24.91	10
2121	97RDD-2356	612316	5410003	1.7	1.4	-3.0	26.60	10
2122	97RDD-2357	613761	5410316	2.3	1.8	-3.0	28.53	10
2123	97RDD-2358	611760	5411635	1.1	0.9	-3.0	35.95	10
2124	97RDD-2359	610173	5411119	2.0	1.5	-3.0	34.94	10
2125	97RDD-2361	609040	5410002	1.3	1.1	-3.0	32.40	10
2126	97RDD-2362	609699	5410735	1.0	0.5	-3.0	62.11	8
2127	97RDD-2363	609498	5411363	2.1	1.8	-3.0	26.49	10
2128	97RDD-2364	615126	5419454	2.7	1.5	-3.0	21.99	10
2129	97RDD-2365	615398	5420660	1.3	1.0	-3.0	31.36	10
2130	97RDD-2366	615406	5421654	1.2	0.7	-3.0	44.91	10
2133	97RDD-2369	611243	5421296	2.0	1.4	-3.0	28.28	10
2134	97RDD-2371	610724	5422088	1.1	1.2	-3.0	18.98	10
2135	97RDD-2372	611353	5422984	2.5	1.5	-3.0	21.65	10
2138	97RDD-2375	614577	5424167	2.8	1.9	-3.0	5.54	10
2139	97RDD-2376	614824	5425282	1.6	1.4	-3.0	5.56	10
2140	97RDD-2377	616570	5425508	1.7	1.7	-3.0	9.31	10
2142	97RDD-2379	612233	5422047	2.8	2.0	-3.0	8.81	10
2144	97RDD-2382	609149	5419082	1.6	0.7	-3.0	50.14	10
2145	97RDD-2383	609353	5419885	1.1	0.6	-3.0	56.37	10
2146	97RDD-2384	608339	5419998	0.7	0.4	-3.0	54.15	9
2147	97RDD-2385	607363	5418571	2.7	1.3	-3.0	55.82	10
2148	97RDD-2386	608424	5418929	1.4	1.0	-3.0	29.89	10
2149	97RDD-2387	611593	5419193	2.3	2.2	-3.0	25.06	10
2150	97RDD-2388	611919	5418729	1.0	0.9	-3.0	37.60	10
2151	97RDD-2389	596283	5402381	2.8	1.9	-3.0	58.42	10
2152	97RDD-2391	601366	5403451	7.0	5.4	4.2	5.32	10
Calculations								
			Mean	1.1	0.8	-1.7		
			Median	1.0	0.7	-3.0		
			Minimum	-0.3	-0.3	-3.0		
			Maximum	10.9	5.4	71.4		

Metric Conversion Table

Conversion from SI to Imperial			Conversion from Imperial to SI		
SI Unit	Multiplied by	Gives	Imperial Unit	Multiplied by	Gives
LENGTH					
1 mm	0.039 37	inches	1 inch	25.4	mm
1 cm	0.393 70	inches	1 inch	2.54	cm
1 m	3.280 84	feet	1 foot	0.304 8	m
1 m	0.049 709	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	1.609 344	km
AREA					
1 cm ²	0.155 0	square inches	1 square inch	6.451 6	cm ²
1 m ²	10.763 9	square feet	1 square foot	0.092 903 04	m ²
1 km ²	0.386 10	square miles	1 square mile	2.589 988	km ²
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
VOLUME					
1 cm ³	0.061 023	cubic inches	1 cubic inch	16.387 064	cm ³
1 m ³	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m ³
1 m ³	1.307 951	cubic yards	1 cubic yard	0.764 554 86	m ³
CAPACITY					
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	4.546 090	L
MASS					
1 g	0.035 273 962	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 747	ounces (troy)	1 ounce (troy)	31.103 476 8	g
1 kg	2.204 622 6	pounds (avdp)	1 pound (avdp)	0.453 592 37	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	907.184 74	kg
1 t	1.102 311 3	tons (short)	1 ton (short)	0.907 184 74	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	1016.046 908 8	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	1.016 046 90	t
CONCENTRATION					
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

	Multiplied by	
1 ounce (troy) per ton (short)	31.103 477	grams per ton (short)
1 gram per ton (short)	0.032 151	ounces (troy) per ton (short)
1 ounce (troy) per ton (short)	20.0	pennyweights per ton (short)
1 pennyweight per ton (short)	0.05	ounces (troy) per ton (short)

Note: Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries, published by the Mining Association of Canada in co-operation with the Coal Association of Canada.

MAPS NOT FILMED

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